

TOP SECRET RUFF**PRIORITY**

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TOP SECRET RUFF
SECTION ONE OF THIRTY-ONE.

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MISSION 4037 23-30MAY1

OAK

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PT 02

PREFACE

THIS IS THE SECOND OF TWO OAK REPORTS ON MISSION 4037
COVERING THE HIGHEST PRIORITY COMOR TARGETS NOT REPORTED IN THE
MIDDLE OR FAR EAST EDITIONS.

((TEXT WHICH FOLLOWED IDENTICAL TO ABOVE CITED MISSION.))

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TOP SECRET RUFF

END OF MESSAGE

TOP SECRET RUFF

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SECTION # 01

MISSION 4037 23-30 MAY 67

OAK

6 JUN 67

PT 02

SECTION # 01

MISSION 4037 23-30 MAY 67

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PT 02

PREFACE

THIS IS THE SECOND OF TWO OAK REPORTS ON MISSION 4037 COVERING THE HIGHEST PRIORITY COMOR TARGETS NOT REPORTED IN THE MIDDLE OR FAR EAST EDITIONS. SEE [REDACTED] FOR THE MIDDLE EAST TARGETS AND [REDACTED] FOR THE HIGHEST PRIORITY FAR EAST COMOR TARGETS. A LISTING OF COMOR TARGET CATEGORIES APPEARS ON THE INSIDE OF THE FRONT COVER. TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. COUNTRY CODE ABBREVIATIONS ARE PRINTED ON THE INSIDE OF THE BACK COVER PAGE.

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SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID COORDINATES FOR NEW TARGETS ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C @CLEAR, SC @SCATTERED CLOUD COVER, HC @HEAVY CLOUD COVER, H @HAZE, CS @CLOUD SHADOW, S @SNOW, O @OBLIQUITY, SD @SEMI-DARKNESS, D @DARKNESS, GC @GROUND COVER, CF @CAMOUFLAGED, AND GR @GROUND RESOLUTION. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD, F @FAIR, OR P @POOR. THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL OR PT @PARTIAL. THE MODE OF COVERAGE IS INDICATED BY ST @STEREO, PS @PARTIAL STEREO, OR NS @NON-STEREO. THE INITIAL SCAN OF THE PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE PRODUCT.

1. MIS Approved For Release 2009/06/11 : CIA-RDP78B03817A000500040022-2

CONSIDERABLE ACTIVITY IS EVIDENT AT THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER. ERECTED SS-1 SCUD MISSILES ARE OBSERVED IN THE SRBM TRAINING AREA AND ERECTED SS-4, SS-5, AND PROBABLE SS-3 MISSILES ARE OBSERVED IN LAUNCH COMPLEX C. A PROBABLE LOADING EXERCISE IS UNDERWAY AT THE NORTHEAST SILO AT LAUNCH SITE 4C-1. LAUNCH SITE 6C CAN BE CONFIRMED AS CONTAINING THREE 28-FT DIAMETER SILOS. A SAMLET/SALISH CRUISE-MISSILE IS OBSERVED IN LAUNCH COMPLEX D.

FOUR TYPE IIID LAUNCH SITES ARE NEWLY IDENTIFIED AT THE KOSTROMA ICBM COMPLEX. THESE 4 SITES WITH THE CONFIRMATION OF SITE 13 AND THE 7 PROBABLE NEW SITES IDENTIFIED ON [REDACTED] FILL OUT LAUNCH GROUPS I AND K.

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AT LAUNCH SITE 17C IN THE IMENI GASTELLO ICBM COMPLEX, THE L-SHAPED ELECTRONIC FACILITY APPEARS ABANDONED. THE FENCE LINE HAS BEEN CHANGED AND NO LONGER INCLUDES THE FACILITY. HOWEVER, THE COMPLEX IS ACTIVE WITH A MISSILE ERECTOR/LOADER AND 2

MISSILE TRANSPORTING DOLLIES PARKED IN FRONT OF A SILO. THREE TYPE IIID SITES ARE NEWLY IDENTIFIED AT MOZELSK. ONE SITE FILLS OUT LAUNCH GROUP I, ANOTHER IS THE THIRD SITE IN LAUNCH GROUP J, AND THE THIRD SITE IS LOCATED AT THE TRANSFER POINT.

AT THE PLESETSK MISSILE AND SPACE CENTER, CONSTRUCTION CONTINUES ON SINGLE SILO LAUNCH SITE 17 AND, ALTHOUGH THE SILO HEADWORKS ARE CIRCULAR, THE SITE IS CONSIDERABLY DIFFERENT FROM TYPE IIID FACILITIES. BECAUSE OF THIS, THE SINGLE SILOS AT PLESETSK WILL NO LONGER BE REFERRED TO AS TYPE IIID SITES. A SINGLE SILO DESIGNATED SITE 24E IN AN EARLY STAGE OF CONSTRUCTION IS NEWLY IDENTIFIED APPROXIMATELY 1,800 FT EAST OF SITE 23. AT LAUNCH SITE 15, A PROBABLE ELECTRONIC FACILITY IS SUPERIMPOSED ON THE SITE.

LAUNCH SITES 19 AND 20 AT THE ALEYSK ICBM COMPLEX CONTINUE TO DISPLAY ABNORMAL CONSTRUCTION TECHNIQUES. THERE ARE NOW BRACING MEMBERS IN THE SILO CORING FORMING AN H-SHAPED PATTERN. AT EACH SITE, A PIPE RUNS FROM THE CORING TO A SMALL NEARBY STRUCTURE. AT THE YEDROVO ICBM COMPLEX, 11 TYPE IIID SITES ARE NEWLY IDENTIFIED. THESE SITES SUBSTANTIATE THE EXISTENCE OF 4

LAUNCH GROUPS AT THIS COMPLEX. AT LAUNCH SITE 11, A DOUBLE SECURITY FENCE CUTS OFF THE UNFINISHED TERMINALS OF THE L-SHAPED ELECTRONIC FACILITY WHICH IS APPARENTLY ABANDONED. THE CURRENT NUMBER OF ICBM LAUNCHERS AT THE 24 KNOWN DEPLOYED COMPLEXES (THE FIGURES SHOWN IN PARENTHESIS INDICATE THE NUMBER OF POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN THE TOTALS) IS AS FOLLOWS --

TYPE IIIC	177 @14
TYPE IIID	496 @34
SUBTOTAL	673 @44
OTHER LAUNCHERS	249
TOTAL	882 @44

IT SHOULD BE NOTED THAT THE SSM LAUNCHERS AT THE PLESETSK MISSILE AND SPACE CENTER ARE NO LONGER CARRIED IN NPIC TOTALS. TABLE 1 REFLECTS THIS CHANGE.

THE ANTIPOINSKOYE SAM TRAINING FACILITY SHOWS CONSIDERABLE TRAINING ACTIVITY. THIS IS UNUSUAL BECAUSE ALL PREVIOUS TRAINING ACTIVITY HAS OCCURRED DURING THE WINTER MONTHS. A TOTAL OF 12 MISSILES ASSOCIATED WITH THE PROBABLE LONG RANGE SAM SYSTEM IS SEEN AT LAUNCH COMPLEX A, SARY-SHAGAN ANTIMISSILE TEST CENTER AND 4 AT THE PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2. NO SIGNIFICANT CHANGES IN INTERPRETATION REGARDING MISSILE CONFIGURATION CAN BE MADE AT THIS TIME. NEWLY IDENTIFIED ACTIVITY ASSOCIATED WITH LAUNCH SITES 5 AND 6 AND ELECTRONIC SITE C, LAUNCH COMPLEX A, PROBABLY INDICATES THESE FACILITIES ARE BEING READIED FOR PARTICIPATION IN A TEST OR TRAINING PROGRAM INVOLVING THE PROBABLE LONG RANGE SAM SYSTEM.

2. AIR ACTIVITY

AT THE RAMENSKOYE FLIGHT TEST CENTER, 16 DELTA-WING AIRCRAFT 60 FT IN LENGTH WITH A WING SPAN [REDACTED] OBSERVED. THEY APPEAR SIMILAR TO THOSE IDENTIFIED BY THE FOREIGN TECHNOLOGY DIVISION AT NOVOSIBIRSK AIRFRAME PLANT CHKALOV 153 AS NEW GENERATION AIRCRAFT ON [REDACTED] AN UNIDENTIFIED AIRCRAFT, [REDACTED] WITH [REDACTED] CONFIGURED SIMILAR TO A FISHBED IS ALSO OBSERVED. TWO DELTA-WING AIRCRAFT, 70 FT IN LENGTH WITH A WING SPAN OF [REDACTED] APPEAR TO BE SIMILAR TO THE TWO NEW GENERATION AIRCRAFT REPORTED IN [REDACTED] AT THE AKTUBINSK/VLADIMIROVKA AIRFIELD. A DELTA-WING AIRCRAFT SIMILAR TO THE ONE AT RAMENSKOYE IS OBSERVED AT THE GORKIY/SORMOVO AIRFIELD.

FIVE DELTA-WING AIRCRAFT APPROXIMATELY 60 FT IN LENGTH ARE AT THE NOVOSIBIRSK AIRFRAME PLANT CHKALOV 153. THESE ALSO APPEAR SIMILAR TO THE AIRCRAFT OBSERVED AT RAMENSKOYE. THIRTEEN BEAR B ARE OBSERVED AT THE KIRELOVO AIRFIELD. THIS IS THE FIRST IDENTIFICATION OF BEAR B AT THIS FIELD. AT THE AKTUBINSK/VLADIMIROVKA AIRFIELD, ONE BEAR C IS VISIBLE LOADED WITH A KANGAROO AIR-TO-SURFACE MISSILE. IN ADDITION, TWO OF THE AIRCRAFT OBSERVED ARE SIMILAR TO THE NEW GENERATION AIRCRAFT REPORTED IN [REDACTED]. THIS MISSION PROVIDES THE FIRST KEYHOLE IMAGERY OF THE FIDDLER B AIRCRAFT AND THE ASH @AA-54 AIR-TO-AIR MISSILE. THE AIRCRAFT AND MISSILE ARE OBSERVED AT VORONEZH SW AIRFIELD AND VORONEZH AIRCRAFT ASSEMBLY PLANT 64. THE FIDDLER B IS ALSO OBSERVED AT ARCHANGELSK/TALAGI AIRFIELD, BUT THE AAM-TYPE CANNOT BE IDENTIFIED.

IN NORTH KOREA, FISHBED @MIG-214 ARE OBSERVED FOR THE FIRST TIME AT SAAMCHAM AIRFIELD.

4. NAVAL ACTIVITY

AT SEVERODVINSK SHIPYARD 402, THE U-CLASS SSBN REMAINS AT THE FITTING-OUT QUAY, AN UNIDENTIFIED LARGE SUBMARINE IS IN THE LAUNCH BASIN @LAUNCH WAY 54, A KRESTA-CLASS DLG IS MOORED IN THE WEST BASIN AT THE MISSILE LOADING AREA, AND A SVERDLOV-CLASS CL IS MEDITERRANEAN-MOORED AT THE WEST BASIN. TWO J-CLASS SSBN AND A NEW-CLASS SS ARE IN THE FITTING-OUT AREA AT GORKIY SHIPYARD 112. CONSTRUCTION OF THE NEW BUILDING CONTINUES.

5. GROUND ACTIVITY

A TACTICAL SSM SUPPORT FACILITY IS NEWLY IDENTIFIED 12.5 NM SW OF KALININGRAD [REDACTED]

[REDACTED] 1 EARTH-COVERED, ARCH-ROOFED MISSILE STORAGE BUILDING AND 1 ARCH-ROOFED MISSILE STORAGE BUILDING UNDER

CONSTRUCTION.

SOVIET MILITARY ACTIVITY APPEARS TO HAVE BEEN GREATLY INCREASED IN MONGOLIA WITH THE IDENTIFICATION OF A PROBABLE SOVIET MILITARY BARRACKS AND STORAGE FACILITY AT ULAAN BAATAR AND A PROBABLE SOVIET TENT CAMP AND POSSIBLE BARRACKS UNDER CONSTRUCTION AT CHOYBALSAN. THE MOST SIGNIFICANT EQUIPMENT OBSERVED AT ULAAN BAATAR IS THE IDENTIFICATION OF 4 SSCM TRANSPORTERS/LAUNCHERS SEMITRAILERS, 18 SA-2 TRANSPORTERS, 6 SA-2 LAUNCHERS, 50 APC, 11 TANKS/ASSAULT GUNS, AND 6 FA PIECES.

STATUS OF TARGET READOUT

THIS OAK REPORTS ON 65 COMOR TARGETS, 1 NON-COMOR TARGET, AND 1 BONUS TARGET.

MISSILES

PLESETSK MISSILE AND SPACE CENTER UR 6254N #4038E [REDACTED]
ONLY THE EASTERNMOST LAUNCH SITES ARE COVERED ON PHOTOGRAPHY. THE SUPPORT AREA JUST SOUTH OF SITE 11 CONSISTS OF APPROXIMATELY 60 BUILDINGS, INCLUDING ADMINISTRATION/HOUSING BUILDINGS, SHOPS, MAINTENANCE BUILDINGS, AND OTHER STANDARD BUILDINGS. SEVERAL UNIDENTIFIED BUILDINGS OF UNUSUAL CONFIGURATION ARE ALSO WITHIN THIS FACILITY. A SMALL CONSTRUCTION SUPPORT CAMP IS JUST EAST OF THE SUPPORT FACILITY AND ANOTHER SMALL CONSTRUCTION SUPPORT CAMP IS LOCATED APPROXIMATELY 2 NM WEST OF SITE 17. IT WAS FIRST OBSERVED UNDER CONSTRUCTION ON [REDACTED]. CONSIDERABLE ACTIVITY IS APPARENT IN AREAS OBSERVED. A SINGLE SILO IS NEWLY IDENTIFIED APPROXIMATELY 1,000 FT EAST OF SITE 23 AND IS DESIGNATED SITE 24. NO OTHER NEW MISSILES OR MISSILE-ASSOCIATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE AREA COVERED ON PHOTOGRAPHY.

PLESETSK ICBM LAUNCH SITE 11 UR 6257N #4126E [REDACTED]
ALTHOUGH A LAUNCH RING IS PRESENT ON THE RIGHT PAD AND POSSIBLE ERECTING MECHANISMS ARE VISIBLE ON BOTH PADS, CONSTRUCTION ACTIVITY ALONG THE FRONT EDGE OF BOTH PADS INDICATES THEY ARE NOT COMPLETE AT THIS TIME. IT APPEARS THAT BOTH PADS ARE BEING EXTENDED. SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED ON THE LEFT PAD AND ON THE PARKING APRON/HARDSTAND BEHIND THE PAD.

PLESETSK ICBM PROB LAUNCH SITE 12 UR 6258N #4132E [REDACTED]
NO LAUNCH POSITION CAN BE OBSERVED. SCARRING AND CONSTRUCTION ACTIVITY IS OBSERVED AT THE END OF THE ACCESS ROAD. NUMEROUS VEHICLES/PIECES OF EQUIPMENT ARE PRESENT. A DARK CYLINDRICAL OBJECT IS STILL PRESENT ALONG THE ACCESS ROAD.

PLESETSK ICBM LAUNCH SITE 14 UR 6258N #4133E [REDACTED]
LAUNCH SITE 14 CAN NOW BE CONFIRMED AS A SINGLE SOFT PAD WITH A CONFIGURATION AND ORIENTATION SIMILAR TO ONE-HALF OF LAUNCH SITE 11. THE ENTIRE LAUNCH AREA HAS BEEN GRADED, BUT DOES NOT APPEAR TO HAVE BEEN PAVED. NUMEROUS VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED AT THE SITE.

PLESETSK ICBM LAUNCH SITE 15 UR 6258N #4124E [REDACTED]
A COMMON SECURITY FENCE ENCLOSES BOTH SITES 15 AND 21. PORTIONS OF THE CONDUIT BETWEEN THE 3 SILOS AT SITE 15 HAVE BEEN BACK FILLED. A PROBABLE ELECTRONICS FACILITY IS SUPERIMPOSED ON THE SITE. TWO CYLINDRICAL STRUCTURES, EACH APPROXIMATELY [REDACTED] WITH A SMALL OPENING IN THE TOP, ARE LOCATED APPROXIMATELY 600 FT NORTH AND SOUTH OF THE CENTER OF THE SITE. A SECOND PAIR OF STRUCTURES IS LOCATED AT THE INSIDE EDGE OF THE LOOP ROAD AT OPPOSITE ENDS OF THE LONG AXIS OF THE LOOP. THESE 4 STRUCTURES, IDENTIFIED AS POSSIBLE ANTENNA POSITIONS, FORM A PLUS-SHAPED FIGURE ON THE SITE. THE SOUTHERN CYLINDRICAL STRUCTURE HAS BEEN EARTH MOUNDED.

LAUNCH SITE 21, PREVIOUSLY THOUGHT TO CONSIST OF 2 SILOS, IS ACTUALLY 2 SOFT PADS. A LIGHT TOWER IS LOCATED INBOARD OF EACH PAD. THERE IS NO EVIDENCE OF AN ERECTOR MECHANISM OR LAUNCH STAND ON EITHER PAD. CONSIDERABLE ACTIVITY, SCARRING, AND DITCHING ARE

OBSERVED AT BOTH LAUNCH SITES 15 AND 21.

PLESETSK ICBM LAUNCH SITE 17 UR 6254N 04124E

CONSTRUCTION CONTINUES AT THIS SITE. THE SILO HEADWORKS ARE CIRCULAR THE SITE IS CONSIDERABLY DIFFERENT FROM TYPE IIID FACILITIES. A SMALL RECTANGULAR STRUCTURE IS LOCATED ADJACENT TO AND DIRECTLY ACROSS FROM A SILO APPENDAGE WHICH IS SMALLER THAN AND ORIENTED DIFFERENTLY FROM A TYPE IIID APPENDAGE. A LARGE STRUCTURE IS UNDER CONSTRUCTION AT 90 DEGREES TO THE SMALLER STRUCTURE. CONSIDERABLE ACTIVITY/CONSTRUCTION IS APPARENT AT THE SITE. AS A RESULT OF THESE DIFFERENCES, THIS SITE AND THE OTHER SINGLE SILOS AT PLESETSK WILL NO LONGER BE REFERRED TO AS TYPE IIID SITES.

SITES 23 AND 24 -- A SINGLE SILO IS NEWLY IDENTIFIED APPROXIMATELY 1,000 FT TO THE EAST OF LAUNCH SITE 23. BOTH SITES ARE IN THE EARLY STAGES OF CONSTRUCTION AND CONSIST OF SILO CORINGS APPROXIMATELY 47 FT IN DIAMETER. ACTIVITY IS OBSERVED IN BOTH AREAS. SITE 24

PLESETSK ICBM LAUNCH SITE 21 UR 6258N 04123E
LAUNCH SITE 21 IS REPORTED UNDER PLESETSK ICBM LAUNCH SITE 15 OCOMOR

YURYA ICBM COMPLEX UR 5904N 04917E
SEVEN OF THE 11 LAUNCH SITES,

THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE COVERED ON PHOTOGRAPHY. MISSILES ARE ERECTED ON BOTH PADS AT LAUNCH SITES 4 AND 11, WHERE EXERCISES ARE IN PROGRESS. A MISSILE IS ALSO ERECTED ON THE RIGHT PAD OF LAUNCH SITE 3. MISSILES ARE IN FRONT OF THE LEFT MISSILE-READY BUILDING AT LAUNCH SITES 4 AND 11. NO NEW MISSILE FACILITIES OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

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VERKHNIYAYA SALDA ICBM COMPLEX UR 5622N 06024E
 NO MISSILE ACTIVITY OBSERVED IN PORTIONS OF THE 50-NM
 SEARCH AREA COVERED ON PHOTOGRAPHY.

YOSHKAR-OLA ICBM COMPLEX UR 5633N 04631E
 FOUR OF THE KNOWN 6 LAUNCH SITES, THE COMPLEX SUPPORT
 FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE
 INTERPRETABLE. AT LAUNCH SITE 1, A PROBABLE MISSILE IS
 PARTLY EXPOSED AT THE ENTRANCE OF THE RIGHT READY
 BUILDING. AT LAUNCH SITE 2, A PROBABLE MISSILE IS
 PARTLY EXPOSED AT THE ENTRANCE OF THE LEFT READY
 BUILDING AND 6 UNIDENTIFIED LONG VEHICLES ARE IN THE
 RIM FACILITY. AT LAUNCH SITE 4, A POSSIBLE MISSILE
 TRANSPORTER IS IN FRONT OF THE LEFT READY BUILDING AND
 UNIDENTIFIED ACTIVITY IS OBSERVED ON THE LOOP ROAD NEAR
 THE RIGHT READY BUILDING. IN THE RIM FACILITY AT THE
 TRANSFER POINT ARE 2 POSSIBLE MISSILE TRANSPORTERS AND
 UNIDENTIFIED VEHICLES. ON THE NE PERIMETER OF THE
 COMPLEX SUPPORT FACILITY, A HARDENED ANTENNA AND
 ARCH-ROOFED BUILDING FOR THE HARDENED COMMAND AND
 CONTROL FACILITY ARE NEARING COMPLETION. NO OTHER
 MISSILE ACTIVITY OBSERVED.

DROVYANAYA ICBM COMPLEX UR 5131N 11300E
 FORTY-FIVE TYPE IIID LAUNCH SITES, 2 TYPE IID LAUNCH
 SITES, 1 TYPE IIB LAUNCH SITE, 1 TYPE IIIA LAUNCH SITE,
 THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD
 TRANSFER POINT ARE INTERPRETABLE. LAUNCH SITE 58K
 APPEARS TO HAVE REACHED A LATE STAGE OF CONSTRUCTION 6
 MONTHS AFTER ITS NEGATION DATE. AT SITE 45J,
 2 PIECES OF MISSILE HANDLING EQUIPMENT ARE ON THE
 ACCESS ROAD. AT LAUNCH SITE 1, A MISSILE IS IN FRONT
 OF THE LEFT READY BUILDING AND AT LAUNCH SITE 4, A
 MISSILE IS IN FRONT OF THE RIGHT READY BUILDING. IN
 THE COMPLEX SUPPORT FACILITY, THE RAILHEAD AND STORAGE
 AREA, MATERIALS AND STORES ARE NEAR DEPLETION. NO
 EVIDENCE IS OBSERVED IN THE RAILHEAD AND STORAGE AREA
 THAT INDICATES ANY FURTHER CONSTRUCTION OF A NEW GROUP.
 THERE ARE AT LEAST 3 AREAS WITHIN THE COMPLEX WHERE
 THERE ARE GROUPS OF TENTS. NO OTHER SIGNIFICANT
 ACTIVITY IS OBSERVED. NO NEW MISSILE ACTIVITY OBSERVED
 IN PORTIONS OF THE 50-NM SEARCH AREA COVERED ON
 PHOTOGRAPHY.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
 TYPE IIID LAUNCH SITES ARE AS FOLLOWS --
 LAUNCH GROUP G -- ALL 10 SITES ARE COMPLETE. ALL SITES
 07-14, 16, AND 18 ARE INTERPRETABLE.
 LAUNCH GROUP H -- ALL 10 SITES ARE COMPLETE. SITES 15
 AND 21-25 ARE INTERPRETABLE.
 LAUNCH GROUP I -- 8 OF THE 10 SITES ARE INTERPRETABLE.
 SITES 29-35 AND 40 ARE COMPLETE.
 LAUNCH GROUP J -- SITES 38, 39, 43, 45, 47, AND 50 ARE
 COMPLETE. SITES 42, 44, 46, AND 48 ARE IN A LATE STAGE
 OF CONSTRUCTION.
 LAUNCH GROUP K -- SITES 49, 51-54, 57, AND 58 ARE IN A
 LATE STAGE OF CONSTRUCTION. SITES 55, 56, AND 59 ARE
 IN THE MID-STAGE OF CONSTRUCTION.
 TRANSFER POINT SITE -- SITE 41X IS IN A LATE STAGE OF
 CONSTRUCTION.

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KOSTROMA ICBM COMPLEX UR 5746N 04101E [REDACTED]
 TWENTY-SIX TYPE IIID LAUNCH SITES, 7 SS-7 LAUNCH SITES
 @SITES 1-7, THE NE SECTION OF THE COMPLEX SUPPORT
 FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE
 INTERPRETABLE. THIS TOTAL REFLECTS 4 NEWLY IDENTIFIED
 IIID LAUNCH SITES. THESE SITES ARE -- SITE 33I AT
 57-47N 041-24E WHICH COMPLETES THE I GROUP AND NEW
 GROUP K WHICH INCLUDES SITE 34K AT 57-44N 041-12E, SITE
 35K AT 57-43N 041-05E, AND SITE 36K AT 57-42N 041-18E.
 THEY CAN ALL BE NEGATED ON [REDACTED] AND
 WERE FIRST SEEN ON [REDACTED] ALL OF
 THE NEW SITES ARE IN THE MID-STAGE OF CONSTRUCTION.
 SITE 13 IN THE J GROUP, WHICH WAS NOT CARRIED IN NPIC
 LISTINGS, IS NOW CONSIDERED A VALID SITE, AND IS IN THE
 MID-STAGE OF CONSTRUCTION. PROBABLE SITES 19J, 30I,
 31I, AND POSSIBLE SITE 32J ARE NOW CONFIRMED SITES.
 SITES 20J, POSSIBLE SITE 25I, AND PROBABLE SITE 27 ARE
 NO LONGER CONSIDERED SITES AND ARE DROPPED FROM NPIC
 LISTINGS.
 SEVEN PROBABLE NEW SITES @SITES 37-43 ARE NEWLY
 IDENTIFIED ON [REDACTED] AND COMPLETE THE
 NEW K GROUP. THESE SITES ARE NOT COVERED ON THIS
 MISSION AND WILL BE REPORTED IN THE OAK SUPPLEMENT FOR
 [REDACTED]

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EXERCISE ACTIVITY APPEARS TO BE IN PROGRESS AT THE SS-7
 SITES WHERE MISSILES ARE VISIBLE AT 3 OF THE 7 LAUNCH
 SITES. AT LAUNCH SITE 1, A MISSILE IS IN FRONT OF THE
 RIGHT MISSILE-READY BUILDING AND A POSSIBLE MISSILE IN
 2 SECTIONS IS IN FRONT OF THE LEFT MISSILE-READY
 BUILDING. AT LAUNCH SITE 2, A MISSILE IS LOCATED ON
 THE RIGHT LAUNCH PAD. AT LAUNCH SITE 3, A MISSILE IS
 IN FRONT OF THE RIGHT MISSILE-READY BUILDING. NO OTHER
 SIGNIFICANT ACTIVITY OR CHANGES ARE OBSERVED AT THESE 3
 SITES OR AT SITES 4, 5, 6, AND 7.

THE FACILITIES OBSERVED AT THE COMPLEX SUPPORT FACILITY
 INCLUDE THE MOTOR POOL, A SMALL HOUSING AND
 ADMINISTRATION AREA, AND A PORTION OF THE RAILHEAD AND
 STORAGE AREA. CONSTRUCTION MATERIALS ARE OBSERVED AT
 THE DISTRIBUTION POINT WHERE VEHICLES ARE WAITING TO BE
 LOADED.

STORAGE FACILITY. FACILITY ARE PROBABLY COMPLETE. CONSTRUCTION ON ONE OF 6 LARGE VEHICLE MAINTENANCE BUILDINGS CONTINUES. TWO LARGE AND 14 SMALLER STORAGE BUILDINGS ARE JUST SOUTH OF THE 6 POL STORAGE TANKS.

NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

NO OTHER NEW MISSILE ACTIVITY OBSERVED IN THE INTERPRETABLE PORTIONS OF THE 50-NM SEARCH AREA.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIID LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP I -- 9 SITES @ 9, 10, 21-24, 26, 30, AND 31# ARE IN LATE STAGES OF CONSTRUCTION. NEWLY

IDENTIFIED SITE 33 IS IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP J -- ALL 10 SITES @ 12-19, 28, AND 32# ARE IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP K -- 3 SITES @ 34-36# ARE IN THE MID-STAGE OF CONSTRUCTION.

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ITATKA ICBM COMPLEX UR 5650N 08535E [REDACTED]
 NO MISSILE ACTIVITY OBSERVED IN PORTIONS OF THE 50-NM
 SEARCH AREA COVERED ON PHOTOGRAPHY.

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SHADRINSK ICBM COMPLEX UR 5607N 06339E [REDACTED]
 NO MISSILE ACTIVITY OBSERVED IN THE CLOUD-FREE PORTIONS
 OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

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OMSK ICBM COMPLEX UR 5504N 07331E [REDACTED]
 THE COMPLEX SUPPORT FACILITY IS INTERPRETABLE. NO
 MISSILE ACTIVITY IS OBSERVED IN PORTIONS OF THE 50-NM
 SEARCH AREA COVERED ON PHOTOGRAPHY.

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[REDACTED]

PERM ICBM LAUNCH COMPLEX UR 5742N 05619E [REDACTED]
 SEVENTEEN OF THE KNOWN 41 TYPE IIID LAUNCH SITES, THE
 COMPLEX SUPPORT FACILITY, THE HOUSING AND
 ADMINISTRATION AREA, AND THE RAIL-TO-ROAD TRANSFER
 POINT ARE OBSERVED ON PHOTOGRAPHY OF FAIR
 INTERPRETABILITY. ELEVEN OF THE 17 LAUNCH SITES
 OBSERVED 018G, 19G, 29H, 30H, 32H, 34H, 40H, 42H, 46J,
 AND 52JH HAVE DISRUPTIVE PAINTING ON THE CONCRETE
 ACCESS. LAUNCH SITE 59H IS NOW COMPLETE. LAUNCH SITE
 60X, WHICH IS IN A LATE STAGE OF CONSTRUCTION, HAS AN
 ASSOCIATED CONTROL BUILDING ADJACENT TO THE SITE
 ACCESS.
 NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN
 PORTIONS OF THE 50-NM SEARCH AREA COVERED ON CLOUD-FREE
 PHOTOGRAPHY.
 CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
 TYPE IIID LAUNCH SITES ARE AS FOLLOWS --
 LAUNCH GROUP G -- ALL 10 SITES ARE COMPLETE. FOUR
 SITES 018, 19, 23, AND 35H ARE INTERPRETABLE.
 LAUNCH GROUP H -- ALL 10 SITES ARE COMPLETE. ALL SITES
 029-34, 36, 40, 42, AND 59H ARE INTERPRETABLE.
 LAUNCH GROUP J -- ALL 10 SITES ARE COMPLETE. TWO SITES
 046 AND 52H ARE INTERPRETABLE.
 LAUNCH SITE 60X IS IN A LATE STAGE OF CONSTRUCTION.

25X1

25X1

25X1

25X1

YEDROVO ICBM COMPLEX UR 5751N 03340E
 TWENTY-ONE OF THE 39 TYPE IIID LAUNCH SITES, 1 OF THE 8
 SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, THE
 RAIL-TO-ROAD TRANSFER POINT,

25X1

ARE INTERPRETABLE. THIS TOTAL
 INCLUDES 11 TYPE IIID LAUNCH SITES 045-55 NEWLY
 IDENTIFIED ON THIS MISSION AND 3 TYPE IIID SITES 042,
 43, AND 44 NEWLY IDENTIFIED ON
 IN THE TRANSFER POINT, AT LEAST 5 METAL FORMS FOR SILO
 DOORS. TYPE IIID ARE BEING FABRICATED. AT CONTROL
 SITE 11, A DOUBLE SECURITY FENCE AROUND THE CONTROL
 BUNKER CUTS OFF THE UNFINISHED TERMINALS OF THE
 L-SHAPED ELECTRONICS FACILITY WHICH IS APPARENTLY
 ABANDONED. A SIMILAR ABANDONMENT OF L-SHAPES IS
 OBSERVED AT OLOVYANNAYA ICBM SITE 55 AND AT IMENI
 GASTELLO ICBM SITE 17. A HARDENED COMMUNICATION
 FACILITY IS IDENTIFIED IN THE COMPLEX SUPPORT FACILITY.
 IT CONSISTS OF 2 PARALLEL ARCH-ROOFED, EARTH-MOUNDED
 BUILDINGS, WITH NUMEROUS ANTENNAS. NO OTHER
 SIGNIFICANT ACTIVITY OR OTHER NEW MISSILE FACILITIES
 ARE OBSERVED.

25X1
25X1

25X1

NEW SITES 45 AT 57-44N 033-51E, 46 AT 57-47N 033-46E,
 48 AT 58-04N 033-42E, 49 AT 58-05N 033-37E, 50 AT
 58-01N 033-43E, 51 AT 57-56N 033-38E, 52 AT 58-00N
 033-49E, 53 AT 57-58N 033-47E, AND 54 AT 57-55N 033-44E
 CAN BE NEGATED ON AND ARE FIRST
 SEEN ON NEW SITE 47 AT
 57-50N 033-45E AND POSSIBLE 55 AT 57-52N 033-39E AT
 THE TRANSFER POINT CAN BE NEGATED ON

25X1
25X125X1
25X1

THESE NEW
 SITES CONFIRM THE EXISTENCE OF 4 TYPE IIID LAUNCH
 GROUPS AT YEDROVO.
 CONSTRUCTION STATUS FOR ALL TYPE IIID LAUNCH SITES
 COVERED ON THIS MISSION --
 LAUNCH GROUP I -- SITES 10, 12, 14, AND 15 ARE IN LATE
 STAGES OF CONSTRUCTION. SITE 11 IS COMPLETE, WITH THE
 CONTROL BUNKER NOT YET EARTH MOUNDED.
 LAUNCH GROUP K -- SITE 37 IS NOW CONFIRMED. IT IS IN
 AN UNDETERMINED STAGE OF CONSTRUCTION. SITES 48, 49,
 AND 50 ARE IN THE MID-STAGE OF CONSTRUCTION. SITES 51,
 52, 53, AND 54 ARE IN EARLY STAGES OF CONSTRUCTION.
 ONLY 8 SITES HAVE BEEN IDENTIFIED TO DATE IN THE K
 GROUP. SITE 37 IS POSSIBLY THE CONTROL SITE.
 LAUNCH GROUP L -- SITES 38, 39, 40, AND 41 ARE NOW
 CONFIRMED. THEY ARE IN THE MID-STAGE OF CONSTRUCTION.

SITE 47 IS IN MID-STAGE OF CONSTRUCTION, SITE 45 IS IN AN EARLY STAGE OF CONSTRUCTION, AND SITE 46 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION. SITE 41 IS CONFIRMED AS THE CONTROL SITE FOR THE L GROUP, INCLUDING NEW SITES 42, 43, AND 44 WHICH WERE IDENTIFIED ON [REDACTED] BUT ARE NOT COVERED BY THIS MISSION. ALL 10 SITES IN LAUNCH GROUP L HAVE BEEN IDENTIFIED. POSSIBLE TRANSFER POINT SITE 55X IS IN AN EARLY STAGE OF CONSTRUCTION.

25X1

25X1



25X1

NOVOSIBIRSK ICBM COMPLEX UR 5515N 82259E [REDACTED]
FOUR OF THE 5 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT, ARE INTERPRETABLE. AT SITE 5, A MISSILE IS ERECTED ON THE LEFT LAUNCH PAD AND THE ERECTOR ON THE RIGHT PAD IS IN THE VERTICAL POSITION. MISSILE HANDLING VEHICLES ARE AT EACH PAD ERECTOR. A POSSIBLE LONG VEHICLE IS ON THE RAMP AT SITE 3. NO OTHER MISSILE ACTIVITY IS OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1

25X1



25X1

KOZELSK ICBM COMPLEX UR 5356N 03549E
 SIXTEEN TYPE IIID LAUNCH SITES, 2 SS-8 SOFT LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND A PORTION OF THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. THIS INCLUDES 3 NEWLY IDENTIFIED TYPE IIID SINGLE SILOS. SITE 45I, THE TENTH SITE IN LAUNCH GROUP I, IS LOCATED AT 54-02N 035-55E, 7 NM NNE OF THE COMPLEX SUPPORT FACILITY. SITE 46X IS THE TRANSFER POINT SITE AND IS LOCATED ON THE WEST SIDE OF THE RAIL-TO-ROAD TRANSFER POINT AT 53-56N 035-46E. SITE 47J, THE THIRD SITE TO BE IDENTIFIED IN LAUNCH GROUP J, IS LOCATED AT 54-06N 035-51E, 10 NM NNE OF THE COMPLEX SUPPORT FACILITY. ALL 3 OF THESE SITES ARE CONFIRMED AND IN THE MID-STAGE OF CONSTRUCTION. THEY ARE FIRST SEEN ON [REDACTED] AND CAN BE NEGATED ON MISSION [REDACTED]

25X1

25X1

PROBABLE SITE 42I IS NOT A LAUNCH SITE AND IS BEING DROPPED FROM NPIC LISTINGS. AT THE SS-8 SECTION OF THE RAIL-TO-ROAD TRANSFER POINT, MORE ACTIVITY THAN EVER BEFORE OBSERVED IS APPARENT. EQUIPMENT IDENTIFIED INCLUDES 5 LOADED PROBABLE SS-8 TRANSPORTERS, 2 EMPTY MISSILE TRANSPORTERS, 4 LONG RAIL CARS, 10 RAIL TANK CARS, AND 15 LARGE TANK-TRAILERS. IN ADDITION, NUMEROUS ASSOCIATED VEHICLES ARE IN THE AREA. ACTIVITY AT THE RAILHEAD AND STORAGE AREA IS ALSO AT A HIGH LEVEL. MATERIALS ARE BEING UNLOADED FROM RAIL CARS ALONG THE RAIL LINE NEAR THE RAILHEAD.

25X1

AT SITES 2 AND 4, THE TWO SOFT SS-8 LAUNCH SITES COVERED ON THIS MISSION, RELATIVELY LITTLE ACTIVITY IS APPARENT. ONLY A FEW SMALL VEHICLES ARE OBSERVED IN AREAS WHERE NUMEROUS VEHICLES AND PIECES OF SUPPORT EQUIPMENT HAVE BEEN SEEN PREVIOUSLY. CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIID LAUNCH SITES ARE AS FOLLOWS --
 LAUNCH GROUP G -- 5 OF THE 10 SITES 07, 8, 12, 25, AND 26H ARE INTERPRETABLE AND IN THE LATE STAGE OF CONSTRUCTION. AT SITE 26, A TALL OBJECT RESEMBLING A POSSIBLE SILO LINER IS DIRECTLY IN FRONT OF THE OPEN SILO. SITE 23 CAN BE IDENTIFIED ONLY.
 LAUNCH GROUP I -- 9 OF THE 10 SITES 032-38, 41, AND 45H ARE INTERPRETABLE AND IN THE MID-STAGE OF CONSTRUCTION.
 LAUNCH GROUP J -- 1 OF 3 SITES 047H IS INTERPRETABLE AND IN THE MID-STAGE OF CONSTRUCTION.
 RTP LAUNCH SITE 46X IS INTERPRETABLE AND IN THE MID-STAGE OF CONSTRUCTION.

25X1

25X1

ZHANGIZ-TOBE ICBM COMPLEX : UR 49120 08149E [REDACTED]
EIGHTEEN OF THE KNOWN 25 TYPE-11IC LAUNCH SITES, THE
COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER
POINT ARE INTERPRETABLE. LAUNCH SITE 26D IS NOW
CONFIRMED AND COMPLETES LAUNCH GROUP D. UNUSUAL
ACTIVITY IS OBSERVED AT 2 SITES IN LAUNCH GROUP A. AT
SITE 4, TWO VERY TALL CRANES ARE ADJACENT TO THE SILO,
AN UNIDENTIFIED OBJECT (POSSIBLY CYLINDRICAL) IS ON THE
APRON IN FRONT OF THE SILO, A VERY LONG RECTANGULAR
OBJECT IS ON THE LOOP ROAD, AND SCARRING EXTENDS ACROSS
THE INFIELD AND APRON TO THE HEADWORKS. AT SITE 6, THE
ACCESS HAS BEEN DUG UP IN FRONT OF THE SILO. THE
CONCRETE APRON BLOCKS ARE STACKED ON THE ACCESS ROAD.
A SMALL PROBABLE CRANE IS ADJACENT TO THE CLOSED SILO
DOOR. EXTENSIVE QUANTITIES OF CONSTRUCTION MATERIALS
AND VEHICULAR ACTIVITY ARE OBSERVED IN THE COMPLEX
SUPPORT FACILITY. CONSTRUCTION CONTINUES ON THE
HARDENED COMMAND AND CONTROL FACILITY. APPROXIMATELY
75 PIECES OF EQUIPMENT ARE NOTED IN THE TRANSFER POINT.
NO OTHER SIGNIFICANT ACTIVITY IS OBSERVED. NO NEW
MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE
PORTIONS OF THE 50-NM SEARCH AREA COVERED ON
PHOTOGRAPHY.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
LAUNCH SITES --

LAUNCH GROUP A -- ALL 6 COMPLETED SITES 01-06 ARE
COVERED.

LAUNCH GROUP B -- 3 OF THE 6 COMPLETED SITES 09-11 ARE
COVERED.

LAUNCH GROUP C -- 2 SITES 013 AND 18 ARE COVERED.

BOTH SITES ARE IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP D -- ALL 6 SITES 019-21, 23, 24, AND 26 ARE
COVERED. ALL SITES ARE IN THE MID-STAGE OF

CONSTRUCTION. SITE 26 DISPLAYS THE NORMAL TYPE OF
CONSTRUCTION. THE FENCE LINE AT SITE 21 INDICATES THAT
THIS SITE IS POSSIBLY THE CONTROL SITE OF THIS GROUP.
THE RAIL TRANSFER POINT SITE 022X IS IN THE MID-STAGE
OF CONSTRUCTION. THE SILO LINER IS ON THE RECTANGULAR
MOUND.

25X1

25X1

[REDACTED]

ALEYSK ICBM COMPLEX UR 5229N 08243E [REDACTED]
FOUR OF THE 19 TYPE IIIC LAUNCH SITES ARE COVERED ON
PHOTOGRAPHY.

25X1

SITES 19 AND 20 CONTINUE TO DISPLAY ABNORMAL
CONSTRUCTION TECHNIQUES. ALTHOUGH THE DIAMETER OF THE
CORING, THE CONSTRUCTION SUPPORT BUILDING, THE SECURITY
FENCING, AND THE LOCATIONS OF SITES 19 AND 20 ARE
TYPICAL OF NORMAL TYPE IIIC CONSTRUCTION, THE LAUNCH
SILO ITSELF IS DIFFERENT. THE USUAL U-SHAPED
EXCAVATION, THE RECTANGULAR EARTH MOUND, AND THE SQUARE
EARTH MOUND HAVE FAILED TO APPEAR AS EXPECTED. THERE
IS NO SIGN OF THE SQUARE FOUNDATION BEING FORMED OR ANY
SIGN OF HEADWORKS UNDER CONSTRUCTION. IN THE
APPROXIMATE 35-FT DIAMETER CORING OBSERVED AT SITES 19
AND 20, THERE ARE NOW BRACING MEMBERS FORMING AN
H-SHAPED PATTERN. A SINGLE PIPE [REDACTED] AT SITE 19,
[REDACTED] AT SITE 20 RUNS FROM THE CORING TO A SMALL
RECTANGULAR STRUCTURE [REDACTED] NEARBY.

25X1

25X1

25X1

CONSTRUCTION AT ADJACENT SITES 17 AND 18 APPEARS
NORMAL.

NO NEW MISSILE FACILITIES OBSERVED IN THE CLOUD-FREE
PORTIONS OF THE SEARCH AREA.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
TYPE IIIC LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP C -- SITES 17 AND 18 ARE IN THE MID-STAGE
OF CONSTRUCTION AND SITES 19 AND 20 ARE IN UNDETERMINED
STAGES OF CONSTRUCTION.

25X1

[REDACTED]

IMENI GASTELLO ICBM COMPLEX UR 5106N 06618E [REDACTED]
TWENTY-THREE OF THE 25 KNOWN TYPE IIIC LAUNCH SITES,
THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD
TRANSFER POINT ARE INTERPRETABLE. IN THE RAIL-TO-ROAD
TRANSFER POINT, 12 LONG RAIL CARS ARE OBSERVED ON THE
RAIL SIDING. AT THE B GROUP CONTROL SITE, SITE 7B,
FRESH SCARRING IS EVIDENT AT THE L-SHAPED ELECTRONIC
FACILITY. AT LAUNCH SITE 9B, ONE VAN-TYPE VEHICLE IS
ON THE LOOP ROAD, AT LAUNCH SITE 13C, 2 VAN-TYPE
VEHICLES ARE ON THE LOOP ROAD, AND AT LAUNCH SITE 16C,
ONE ERECTOR/LOADER IS IN FRONT OF THE SILO AND 6
VAN-TYPE VEHICLES ARE ON THE ACCESS.
AT SITE 17C, THE C GROUP CONTROL SITE, 1 ERECTOR/LOADER
AND 2 MISSILE-TRANSPORTING DOLLIES ARE IN FRONT OF THE
SILO AND 11 VAN-TYPE VEHICLES ARE PARKED NEXT TO THE
SMALL BUILDING AT THE SILO. TWO LARGE EARTH MOUNDS ARE
ADJACENT TO THE SILO AND SEPARATELY SECURED WITHIN THE
SITE FENCE LINE. THE SITE FENCE LINE HAS BEEN CHANGED
AND NOW EXCLUDES THE L-SHAPED ELECTRONIC FACILITY. THE
L-SHAPED ELECTRONIC FACILITY APPEARS TO HAVE BEEN
ABANDONED. AT LAUNCH SITE 22D, THE FOUNDATION FOR A
PROBABLE CONTROL BUNKER IS APPARENT. THIS WOULD
INDICATE THAT SITE 22 WILL BE THE PROBABLE CONTROL FOR
THE D GROUP.

25X1

NO OTHER SIGNIFICANT ACTIVITY IS OBSERVED.
NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN
THE INTERPRETABLE PORTIONS OF THE 50-NM SEARCH AREA.
CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE
TYPE IIIC LAUNCH SITES --
LAUNCH GROUP A -- ALL 6 01-6# SITES ARE COMPLETE AND
INTERPRETABLE.
LAUNCH G

SECTION # 15

07-9, 11, AND 12 ARE INTERPRETABLE.

LAUNCH GROUP C -- 5 OF THE 6 SITES ARE COMPLETE. THE FIVE COMPLETE SITES 013-17 ARE INTERPRETABLE.

LAUNCH GROUP D -- SITE 19 IS IN THE MID-STAGE OF CONSTRUCTION. THE SILO LINER IS ON THE RECTANGULAR MOUND. SITE 20 IS IN THE MID-STAGE OF CONSTRUCTION.

THE SILO LINER IS ON THE RECTANGULAR MOUND. SITE 22 IS IN THE MID-STAGE OF CONSTRUCTION. FOUR SECTIONS OF THE SILO LINER ARE ON THE RECTANGULAR MOUND. THE FOOTINGS FOR A PROBABLE CONTROL BUNKER ARE APPARENT ADJACENT TO THE SILO CONSTRUCTION. SITE 23 IS IN THE MID-STAGE OF CONSTRUCTION. SIX SECTIONS OF THE SILO LINER ARE ON THE RECTANGULAR MOUND. SITES 24 AND 25 ARE IN AN EARLY STAGE OF CONSTRUCTION.

SITE 21X IS IN THE MID-STAGE OF CONSTRUCTION.

25X1

TATISHCHEVO ICBM COMPLEX UR 5140N 04534E

THIRTEEN OF THE 111 KNOWN TYPE IIID LAUNCH SITES ARE INTERPRETABLE. PROBABLE SITE 142 IS NO LONGER CONSIDERED A VALID LAUNCH SITE AND IS DELETED FROM NPIC LISTINGS. THE CONSTRUCTION IN PROGRESS IN THIS AREA IS UNIDENTIFIED AND NO MISSILE-RELATED ACTIVITY IS IN EVIDENCE. NO NEW MISSILE ACTIVITY IS OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY. DETAILED DATA ON COMPLETED GROUPS IS AS FOLLOWS -- LAUNCH GROUP B -- 2 OF THE 10 SITES 019 - 21 ARE

INTERPR

25X1

IDENTIFIED ONLY.

LAUNCH GROUP C -- 5 OF THE 10 SITES @20 AND 25-27 AND 29# ARE INTERPRETABLE. SITE 22 IS IDENTIFIED ONLY.

LAUNCH GROUP D -- 2 OF THE 10 SITES @37 AND 73# ARE INTERPRETABLE.

CONSTRUCTION STATUS AND DETAILED DATA OF INCOMPLETE LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP F -- 3 OF THE 10 SITES @59, 89, AND 90# ARE INTERPRETABLE AND ARE NOW COMPLETED SITES.

LAUNCH GROUP K -- 1 OF THE 10 SITES @141# IS INTERPRETABLE AND IS IN THE MID-STAGE OF CONSTRUCTION.

TRANSFER SITE 35X IS IDENTIFIED ONLY.



KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR UR 4835N 04545E
THE SAM AND SSM SIDES OF THE TEST CENTER ARE COVERED ON PHOTOGRAPHY. PASS [REDACTED] COVERS THE ENTIRE SAM LAUNCH COMPLEX SOUTH THROUGH THE SAM SUPPORT BASE AND THE SSM TEST AND SUPPORT COMPLEX.

[REDACTED] COVERS THE ENTIRE SSM FIRING LINE FROM LAUNCH COMPLEX H SOUTH THROUGH COMPLEX C RAIL LINE, LAUNCH COMPLEX D, AND THE AKHTUBINSK/VLADIMIROVKA AIRFIELD. MISSILE-RELATED ACTIVITY IS OBSERVED AT LAUNCH COMPLEXES H, C, AND D. NO NEW SSM/SAM MISSILE FACILITIES OBSERVED IN PORTIONS OF THE 50-NM SEARCH AREA COVERED.

[REDACTED]
KAPUSTIN YAR LAUNCH COMPLEX A UR 4842N 04615E [REDACTED]
APPROXIMATELY 45 VEHICLES ARE LOCATED THROUGHOUT THE SUPPORT AREA. A U-SHAPED BUILDING UNDER CONSTRUCTION AND AN EXCAVATION ARE OBSERVED ALONG THE WEST SECURITY FENCE. TWO DARKENED LINEAR PATTERNS ARE OBSERVED ON LAUNCH PAD 1A-2. NO MISSILES OBSERVED. NO ADDITIONAL CHANGES OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]
KAPUSTIN YAR LAUNCH COMPLEX B UR 4841N 04616E [REDACTED]
TEN VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN THE SUPPORT AREA. NO MISSILES OBSERVED.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]
KAPUSTIN YAR LAUNCH COMPLEX C UR 4836N 04616E [REDACTED]
LAUNCH COMPLEX C IS THE MOST ACTIVE PART OF THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER WITH MISSILE EXERCISES, NEW CONSTRUCTION, AND EQUIPMENT OBSERVED.

LAUNCH AREA 1C -- 1 PROBABLE CRANE AND 1 UNIDENTIFIED VEHICLE ARE LOCATED AT LAUNCH PAD 1C-1. A POSSIBLE LAUNCH STAND IS AT THE LAUNCH POINT AND THE SURROUNDING PAD IS DISCOLORED. AN APPROXIMATELY 30-FT LONG RAIL-SECT

APPROXIMATELY [REDACTED] CYLINDRICAL OBJECT IS POSITIONED AT AN ANGLE ON PAD 1C-3 NEAR THE LAUNCH POINT. THIS CYLINDER IS ALIGNED AT APPROXIMATELY 90 DEGREES OR APPROXIMATELY 45 DEGREES FROM THE RAIL AND ROAD APPROACH TO THE PAD. A LARGE AREA OF DISCOLORATION OR BURN SCAR IS ALSO ON THIS PAD. LAUNCH AREA 2C -- ACTIVITY IS OBSERVED AT LAUNCH SITE 2C-1. AT LEAST 2 CRANES ARE ADJACENT TO THE SERVICE TOWER. A PROBABLE SS-3 EXERCISE IS UNDERWAY AT LAUNCH SITE 2C-2. THE MISSILE APPROXIMATELY [REDACTED] HIGH IS ERECTED WITH THE ERECTOR BOOM STILL RAISED. THE EMPTY TRANSPORTER WITH A [REDACTED] WHEELBASE HAS BEEN PULLED AWAY BEYOND THE ATT PRIME MOVER. ONE FUEL TRANSPORT TRAILER, 2 OXIDIZER TRANSPORT TRAILERS @1 WITH PRIME MOVERS, 1 PROBABLE OXIDIZER TRANSFER VEHICLE, AND 1 PROBABLE WATER TRANSPORTER ARE PARKED JUST EAST OF THE ERECTOR. TWO OTHER VANS, AN UNIDENTIFIED VEHICLE, AND A PROBABLE POWER DISTRIBUTION TRAILER ARE ALSO ON THE PAD. CABLING RUNS FROM THIS TRAILER TO A GENERATOR AND 3 VANS AT THE CONTROL BUILDING OFF THE NW SIDE OF THE PAD. AT LEAST 9 OTHER SUPPORT VEHICLES ARE OBSERVED ON THE PAD ACCESS ROAD, IN THE DRIVE-IN REVETMENT, AND PARKED OFF THE PAD.

IN ADDITION, 7 VEHICLES ARE PARKED ON THE ROAD LEADING TO THE LAUNCH AREA AT THE C OPERATIONS CENTER. AT LEAST 20 VEHICLES ARE ALSO OBSERVED WITHIN THE C OPERATIONS CENTER.

LAUNCH AREA 3C -- AN SS-4 PROBABLE LIVE-FIRING EXERCISE IS UNDERWAY ON THE LAUNCH PAD. THE MISSILE IS ERECTED AND THE ERECTOR IS STILL IN POSITION WITH THE BOOM RAISED. INDICATORS OF A LIVE FIRING ARE THE SPILLAGE ON THE PAD AND COMPLETENESS OF THE SS-4 LAUNCH BATTERY. THE TRANSPORTER [REDACTED] HAS BEEN REMOVED TO THE NE DUMBBELL PAD. THE FUEL TRAILER HAS BEEN REMOVED. THE TWO OXIDIZER TRANSPORT TRAILERS WITH YAA7-214 PRIME MOVERS, AND THE OXIDIZER TRANSFER VAN ARE STILL IN PLACE SE OF THE ERECTOR. A PROBABLE H2O2 TRANSPORT TRUCK AND A WATER TRUCK ARE JUST NE OF THE ERECTOR. A MOBILE SERVICE PLATFORM AND A POSSIBLE DECONTAMINATION UNIT ARE OFF THE SE CORNER OF THE PAD. A PROBABLE LAUNCH CONTROL VAN AND GENERATOR ARE ON THE EASTERN EDGE OF THE PAD AND APPEAR TO BE CONNECTED TO A POWER DISTRIBUTION TRAILER NEAR THE LAUNCH STAND. EIGHT OTHER VEHICLES/VANS ARE POSITIONED NEARBY, INCLUDING 2 IN BUNKERS. FIVE TRUCKS/TRUCK VANS AND 3 SMALL VEHICLES/PIECES OF EQUIPMENT ARE PARKED AT THE ENTRANCE TO THE LAUNCH AREA. A MISSILE CHECKOUT TENT [REDACTED] WHICH IS CONNECTED BY CABLING TO A CHECKOUT/SUPPORT VAN AND A GENERATOR ARE ALL ON THE SW DUMBBELL PAD. ALSO ON THIS PAD ARE 4 TRUCK VANS AND 2 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT. THREE SS-5 FUEL TRANSPORT TRAILERS AND PRIME MOVERS, 2 SS-5 OXIDIZER TRANSPORT TRAILERS AND PRIME MOVERS, 1 TRUCK VAN, AND 1 PROBABLE DOLLY ARE IN THE 3C FINAL CHECKOUT AREA, PROBABLY IN SUPPORT OF THE SS-5 EXERCISE IN LAUNCH SITE 5C-1.

LAUNCH AREA 4C -- 4 OF THE 7 SILOS AT LAUNCH AREA 4C ARE OPEN. AT LAUNCH SITE 4C-1, THE NW, NE, AND SE SILOS ARE OPEN AND A LOADING EXERCISE IS UNDERWAY AT THE NE SILO. [REDACTED] PROBABLE SILO LOADER IS PARTIALLY OVER THE OPEN SILO AND TWO [REDACTED] POSSIBLE PROPELLANT TRAILERS AND A TRUCK ARE NEARBY. ANOTHER SHORTER PROBABLE SILO LOADER AND A PROBABLE TRUCK-MOUNTED CRANE ARE PARKED NEAR THE NE SILO. MEASUREMENT ON THE OPEN NE SILO GIVES AN INNER DIAMETER

[REDACTED] A CRANE AND 2 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE LOCATED ON THE LOOP ROAD AT THE SW SILO. THE APPROXIMATELY [REDACTED] DIAMETER DARK CIRCLE, A SILO CAP, PREVIOUSLY OBSERVED ON THE TRANSFER APRON TO THE REAR OF THE NE SILO, IS NOW OBSERVED NEAR THE WESTERN FENCE LINE OF THE SITE.

AT LAUNCH SITE 4C-2, THE SW SILO IS OPEN. A CRANE AND POSSIBLE SILO LOADER ARE ON THE HARDSTAND AS ARE 8 TRUCKS/VANS AND 4 VEHICLES/PIECES OF EQUIPMENT. A PROBABLE SS-5 TRAINING MISSILE MINUS THE NOSE CONE SECTION IS ON A TRANSPORTER PARKED ON A PARKING APRON JUST OUTSIDE THE SITE LOOP ROAD. AN UNIDENTIFIED PIECE OF EQUIPMENT IS POSITIONED ACROSS THE ROAD FROM THE TRAINING [REDACTED]

25X1

25X1

25X1

25X1

25X1

25X1
25X1

25X1

25X1

SECTION # 18

AT LAUNCH SITE 5C -- AN SS-5 EXERCISE, PROBABLY A LIVE FIRING, IS UNDERWAY AT LAUNCH SITE 5C-1. THE MISSILE IS ERECTED ON THE SOUTHERN PAD. THE ERECTOR IS STILL IN POSITION WITH THE BOOM UP. FIVE TRUCKS/VANS ARE PARKED NEAR THE PAD AND 4 VANS ARE PARKED ADJACENT TO A BUNKER SOUTH OF THE SITE LOOP ROAD. THIS IS PROBABLY A LIVE-FIRING EXERCISE AS THE EMPTY TRANSPORTER IS BEING REMOVED FROM THE LAUNCH AREA AT THE TIME OF COVERAGE. FIVE TRUCKS/VANS AND 10 VEHICLES/PIECES OF EQUIPMENT ARE PARKED ON THE ROAD SOUTH OF THE SITE ACCESS ROAD AND 3 TRUCKS/VANS AND 1 UNIDENTIFIED VEHICLE ARE PARKED ON THE HARDSTAND JUST OUTSIDE THE SITE. THE PROPELLANT VEHICLES FOR THIS EXERCISE APPEAR TO BE PARKED IN THE 3C CHECKOUT AREA.

A PROBABLE TRAINING MISSILE AND TRANSPORTER ARE ON THE LOOP ROAD NEAR THE NORTHERN PAD.

A CIRCULAR EXCAVATION [REDACTED] HAS BEEN DUG JUST OFF THE EASTERN CORNER OF THE LOOP ROAD AT 5C-2.

LAUNCH AREA 6C -- CONSTRUCTION CONTINUES AT LAUNCH AREA 6C. ALL 3 SILOS CAN NOW BE CONFIRMED. MEASUREMENTS GIVE AN INNER DIAMETER OF 20 FT AND AN OUTER DIAMETER [REDACTED] ON THE SILOS. NO CONSTRUCTION OF SILO

HEADWORKS HAS TAKEN PLACE ABOVE THE FLOOR OF THE LARGE EXCAVATIONS. SEPARATION OF THE SILOS IS UNEQUAL, 330 FT BETWEEN THE SOUTHERN AND CENTRAL SILO AND 490 FT BETWEEN THE CENTRAL AND NORTHERN SILO. A SMALL STRUCTURE, APPROXIMATELY 30 X 15 FT, IS IN THE SW CORNER OF EACH LARGE EXCAVATION AND IS OR WILL BE CONNECTED TO THE CONDUITS RUNNING BETWEEN THE CONTROL BUNKERS AND THE SILOS.

A SECOND CONTROL BUNKER HAS BEEN ADDED BEHIND THE ORIGINAL 40 X 40-FT BUNKER. THE NEW BUNKER [REDACTED]

AND IS ALSO TIED INTO THE CONDUIT NETWORK. A POSSIBLE MISSILE TRANSPORTER 70 FT LONG IS PARKED ALONG THE ACCESS ROAD NORTH OF THE SITE.

THE MR/IRBM TRAINING AREA (FORMERLY CALLED SSM BIVOUAC AREA) IS ACTIVE WITH 39 VEHICLES/PIECES OF EQUIPMENT ON THE LARGE TRAINING PAD. PARKED ON THE PAD PROPER ARE 3

MISSILE TRANSPORTERS APPROXIMATELY [REDACTED] AND 5 TRUCKS/VANS. PARKED ON THE APPROACH APRON ARE 5 UNIDENTIFIED VEHICLES [REDACTED] 10

TRUCKS/VANS, AND 15 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT. IN THE MOTOR POOL AND BIVOUAC SECTIONS OF THE TRAINING AREA, AT LEAST 200 VEHICLES INCLUDING AT LEAST 7 MISSILE TRANSPORTERS, 7 PROPELLANT TRAILERS, AND 1 ERECTOR ARE OBSERVED.

MISSILE RECEIVING AND CHECKOUT AREA -- A NEW BUILDING [REDACTED] HAS BEEN CONSTRUCTED WEST OF THE HEATING PLANT IN THE MISSILE RECEIVING AND CHECKOUT AREA. THREE TRUCKS, APPROXIMATELY 5 RAIL CARS, AND A CRANE ARE PARKED WITHIN THE AREA.

FINAL ASSEMBLY AND CHECKOUT AREA -- A PROBABLE MISSILE IS BEING HANDLED BY A CRANE ON THE PAD BETWEEN THE LARGE CHECKOUT BUILDINGS. THE NEW BUILDING IN THE NE CORNER OF THE AREA IS NEARIN

COMPLETION AND MEASUREMENTS ON THIS BUILDING GIVE A [REDACTED] ALSO PARKED ON THE HARDSTAND IN THE AREA ARE AN EMPTY SS-4 TRANSPORTER, THE CHASSIS OF A PROBABLE SS-2 TRANSPORTER-ERECTOR, 2 TRUCKS, AND AT LEAST 2 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.

THE PROBABLE MISSILE ASSEMBLY AND CHECKOUT AREA IS ACTIVE WITH AT LEAST 50 RAIL CARS IN 4 TRAINS PARKED IN THE AREA. AT LEAST ONE OF THESE TRAINS IS BEING LOADED/UNLOADED WITH APPROXIMATELY 110 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT. AT LEAST 10 PROBABLE MISSILE TRANSPORTERS AND 35 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED PARKED THROUGHOUT THE AREA.

[REDACTED] KAPUSTIN YAR LAUNCH COMPLEX D UR 4828N 04618E [REDACTED] ONE SALISH/SAMLET MISSILE IS OBSERVED WITH WINGS FOLDED. ELEVEN VEHICLES/PIECES OF EQUIPMENT AND 6 SALISH/SAMLET SHIPPING CRATES ARE OBSERVED IN LAUNCH AREA 2D.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED] KAPUSTIN YAR LAUNCH COMPLEX E UR 4846N 04618E [REDACTED]

NO CHANGE [REDACTED] Approved For Release 2009/06/11 : CIA-RDP78B03817A000500040022-2

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SECTION # 19

VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED IN THE SRM TRAINING AREA FORMERLY CALLED TROOP TRAINING AREA INCLUDING 2 ERECTED SCUD MISSILES, 8 TRACKED SCUD TEL, 9 WHEELED SCUD TEL, 24 MISSILE TRANSPORT TRAILERS, 4 A-FRAME CRANES, 5 MISSILE CHECKOUT TENTS, AND APPROXIMATELY 220 PERSONNEL TENTS. CONSTRUCTION CONTINUES ON THE 2 BUILDINGS IN THE CANTONMENT AREA.

KAPUSTIN YAR LAUNCH COMPLEX G UR 4822N 04617E
NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED EXCEPT FOR THAT IN THE SA-2 SITE. THE LAUNCH AREA AND APPROACH ROAD APPEAR TO BE IN DISREPAIR. THREE BUILDINGS AND AT LEAST 3 OTHER PROBABLE STRUCTURES HAVE BEEN CONSTRUCTED IMMEDIATELY EAST OF THE HOUSING AND SUPPORT AREA. A DERELICT FAGOT/FDESCO AIRCRAFT IS LOCATED NEARBY.

KAPUSTIN YAR LAUNCH COMPLEX H UR 4848N 04620E
UNIDENTIFIED EQUIPMENT IS OBSERVED ON EACH LAUNCH PAD. THREE PROBABLE MISSILE DOLLIES WITH WHEEL BASE TOTAL LENGTH ARE IN THE SUPPORT AREA WITH AT LEAST 5 VEHICLES/PIECES OF EQUIPMENT AND SEVERAL CONTAINERS/PACKING CRATES. THE MAIN ACCESS ROAD TO THE LAUNCH AND SUPPORT AREAS HAS BEEN HARD SURFACED.

KAPUSTIN YAR SAM LAUNCH COMPLEX UR 4848N 04545E
THE ENTIRE SAM LAUNCH COMPLEX IS COVERED ON GENERALLY CLEAR, STEREO PHOTOGRAPHY. SOME HAZE AND OBLIQUITY LIMIT INTERPRETABILITY. SIGNIFICANT OBSERVATIONS INCLUDE EXTENSIVE MISSILE ACTIVITY AT THE SA-1 LAUNCH SITE, A NUMBER OF PROBABLE CLUTTER SCREENS AT THE PRECISION TRACKING RADAR FACILITY, AND A RING-SHAPED STRUCTURE NEWLY IDENTIFIED AT THE ELECTRONICS TEST FACILITY.
PRECISION TRACKING RADAR FACILITY -- 3 PROBABLE CLUTTER SCREENS CAN BE OBSERVED FOR THE FIRST TIME IN THE VICINITY OF THE DRIVE-THROUGH STRUCTURE WHICH SUPPORTS THE 40-FT DIAMETER RADAR DISH. TWO OF THE 3 SCREENS ARE LOCATED ON EACH SIDE OF THE STRUCTURE AND SEPARATE IT FROM THE TWO RECTANGULARLY SHAPED APRONS WHICH ARE EACH OCCUPIED WITH 6 ELECTRONIC VANS. THE THIRD SCREEN IS SE OF THE DRIVE-THROUGH STRUCTURE. A SHORTER SCREEN OR A POSSIBLE FENCE EXTENDS THE WIDTH OF THE LOOP ROAD PATTERN AND PARALLEL TO THE ENTRANCE OF THE DRIVE-THROUGH STRUCTURE. A POSSIBLE SCREEN OR FENCE IS ALSO LOCATED NEAR THE PROBABLE SECURITY BUILDING WHERE IT IS POSITIONED ON THE SIDE FACING THE PRECISION TRACKING RADAR. THE SERVICE TOWER, FORMERLY ERECTED IMMEDIATELY NORTH OF THE RADAR, IS NOW LYING ON THE GROUND.

PROBABLE LONG RANGE SAM LAUNCH FACILITY -- NO SIGNIFICANT CHANGES HAVE OCCURED AT THE TRACKING/GUIDANCE PORTION OF THE FACILITY. PROBABLE LAUNCHERS APPEAR AT EACH OF THE 2 LAUNCH POSITIONS AND AN UNIDENTIFIED PIECE OF EQUIPMENT APPROXIMATELY LONG IS NEAR THE NORTHERNMOST LAUNCH POSITION.

R-D LAUNCH AREA -- NO ACTIVITY OR CHANGES IN FACILITIES ARE APPARENT AT LAUNCH SITES A, C, D, E, AND F. LAUNCH SITE B IS STILL OCCUPIED WITH A PROBABLE LOW BLOW RADAR AND 7 VANS/TRUCKS ON THE CENTRALLY LOCATED GUIDANCE APRON, A PROBABLE STONE CAKE RADAR, AND 2 ELECTRONIC VANS, AND A BAR LOCK RADAR WITH 6 VANS/TRUCKS. THE 2 HOLD REVETMENTS ARE OCCUPIED WITH 5 OR 6 UNIDENTIFIABLE MISSILES APPROXIMATELY AT LEAST 12 UNIDENTIFIED PIECES OF EQUIPMENT APPROXIMATELY 17 FT IN LENGTH, AND 7 PROBABLE SA-1 MISSILES ON SEMITRAILERS.
SA-1 LAUNCH SITE -- A TOTAL OF 38 GUID MISSILES/MISSILE TRANSPORTERS IS OBSERVED IN THE LAUNCH SITE. EIGHT OF THE GUIDS ARE ERRECTED IN THE VERTICAL POSITION.

SA-2 LAUNCH AREA -- ATTACHED TO THE EASTERN SIDE OF LAUNCH SITE A ARE 2 LAUNCH POSITIONS AND A PAVED APRON USED AS A GUIDANCE AREA. DUE TO CONTINUED OBSERVANCE OF FAN SONG RADARS AND ASSOCIATED VANS ON THE APRON, THE 2 LAUNCH POSITIONS AND ASSOCIATED GUIDANCE AREA WILL NO LONGER BE DESIGNATED AS A PART OF LAUNCH SITE A, BUT AS A SEPARATE LAUNCH SITE, DESIGNATED LAUNCH SITE AA. THE SAME SITUATION EXISTS ON THE WESTERN SIDE OF LAUNCH SITE B. ITS 2 LAUNCH POSITIONS AND

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SECTION # 2H

LAUNCH SITE BB.

LAUNCH SITE A -- THE GUIDANCE AREA IS OCCUPIED WITH A FAN SONG RADAR AND 8 ASSOCIATED VANS. TWO OF THE 5 OCCUPIED LAUNCH POSITIONS HAVE PROBABLE GUIDELINE MISSILES. THREE VANS, 1 TRUCK, AND 2 PROBABLE UNOCCUPIED TRANSPORTERS ARE OBSERVED AT THE SITE. AT LAUNCH SITE AA, THE GUIDANCE AREA IS OCCUPIED WITH A FAN SONG RADAR, 3 ASSOCIATED VANS, AND A PROBABLE GENERATOR VAN. THE 2 LAUNCH POSITIONS ARE OCCUPIED, ONE WITH A PROBABLE GUIDELINE MISSILE. TWO VANS ARE PARKED WEST OF THE GUIDANCE AREA.

LAUNCH SITE B -- THE GUIDANCE AREA IS OCCUPIED WITH A PROBABLE FAN SONG RADAR AND AT LEAST 8 ASSOCIATED VANS. THREE OF THE LAUNCH POSITIONS ARE OCCUPIED WITH PROBABLE LAUNCHERS, AND A FOURTH PROBABLE LAUNCHER IS PARKED NEAR ONE OF THE LAUNCH POSITIONS.

LAUNCH SITE BB -- THE GUIDANCE APRON IS OCCUPIED WITH 2 VAN TRUCKS AND 4 PROBABLE TRANSPORTERS. THE 2 LAUNCH POSITIONS ARE UNOCCUPIED.

LAUNCH SITE C IS UNOCCUPIED.

LAUNCH SITE E -- THE GUIDANCE AREA IS OCCUPIED WITH A FAN SONG E RADAR AND AT LEAST 10 ASSOCIATED VANS. SEVERAL UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE LOCATED WITHIN THE SITE AREA. ALL 3 LAUNCH POSITIONS ARE OCCUPIED WITH LAUNCHERS. TO THE REAR OF LAUNCH SITES A AND B ARE 2 PAVED APRONS, ONE OCCUPIED WITH 10 GUIDELINE MISSILES ON PROBABLE SEMITRAILERS, THE SECOND OCCUPIED WITH 3 POSSIBLE TRANSPORTERS, SEVERAL SETS OF PROBABLE BOGIE WHEELS, AND AT LEAST 3 VEHICLES/PIECES OF EQUIPMENT.

SA-3 LAUNCH AREA --

LAUNCH SITE A -- THE GUIDANCE AREA IS OCCUPIED WITH A POSSIBLE LOW BLOW RADAR AND AT LEAST 4 ASSOCIATED VANS. THREE OF THE 4 LAUNCH POSITIONS ARE OCCUPIED, 2 WITH POSSIBLE LAUNCHERS AND THE THIRD WITH PROBABLE GOA MISSILES ON LAUNCHERS. THREE VEHICLES/VANS ARE LOCATED WITHIN THE SITE AREA. THE SITE AREA. E OBSERVED.

LAUNCH SITE B -- THE TOWER IN THE REVETTED GUIDANCE AREA IS UNOCCUPIED. HOWEVER, 2 VEHICLES/VANS ARE LOCATED NEAR ITS BASE. TWO OF THE 4 LAUNCH POSITIONS ARE OCCUPIED WITH POSSIBLE LAUNCHERS. A POSSIBLE SA-3 MISSILE TRANSPORTER IS OBSERVED ON THE SERVICE ROAD BETWEEN 2 OF THE LAUNCH POSITIONS.

LAUNCH SITE C -- THE GUIDANCE AREA IS OCCUPIED WITH 3 VANS AND A VEHICLE/PIECE OF EQUIPMENT. TWO OF THE SPUR ROADS LEADING TO THE LAUNCH POSITIONS ARE OCCUPIED WITH A LARGE NUMBER OF VANS, ONE WITH 11 VANS/PIECES OF EQUIPMENT, AND THE OTHER WITH 8 VANS/PIECES OF EQUIPMENT.

LAUNCH SITE D -- THE GUIDANCE AREA IS OCCUPIED WITH A PROBABLE FAN SONG E RADAR AND 11 ASSOCIATED VANS. ONE VEHICLE/PIECE OF EQUIPMENT IS OBSERVED ON THE SERVICE ROAD. THE REMAINDER OF THE SITE IS UNOCCUPIED.

THE R-D YOYO AND THE SA-1 YOYO GUIDANCE SITES SHOW NO SIGNIFICANT CHANGES.

OPERATIONAL SAM SITE B30-2 -- THE GUIDANCE AREA IS OCCUPIED WITH A FAN SONG RADAR AND AT LEAST 2 ASSOCIATED VANS. THREE OF THE 6 OCCUPIED LAUNCH POSITIONS HAVE GUIDELINE MISSILES. A GUIDELINE MISSILE ON TRANSPORTER IS LOCATED ON THE SERVICE ROAD IN FRONT OF ONE OF THE MISSILE-OCCUPIED LAUNCH POSITIONS. FIVE PROBABLE GUIDELINE MISSILES OR DOLLIES ARE LOCATED IMMEDIATELY SOUTH OF THE SITE, ALONG THE FENCE WHICH SECURES THE HOUSING AND SUPPORT AREA.

NO SIGNIFICANT CHANGES ARE OBSERVED AT THE HOUSING AND SUPPORT AREA, THE SAM WARHEAD AREA, THE SAM CHECKOUT AND STORAGE AREA, AND THE TROPOSCATTER AND MICROWAVE COMMUNICATIONS FACILITY, EXCEPT FOR SOME SHIFT IN VEHICLES AND EQUIPMENT.

ELECTRONICS TEST FACILITY -- 3 OF THE 4 RADAR MOUNDS ARE OCCUPIED, 2 WITH BACK NET RADARS AND ONE WITH A POSSIBLE BACK NET RADAR. IMMEDIATELY NORTH OF THE MOUNDS ARE 5 HEIGHT FINDER RADARS. IMMEDIATELY WEST OF THE MOUNDS IS THE BUILDING-MOUNTED TALL KING RADAR. THE OTHER TALL KING RADAR NEWLY IDENTIFIED ON MISSION

IS NO LONGER PRESENT. NO SIGNIFICANT CHANGE IS OBSERVED ON THE 50-FT RADOME OR THE TOWER LOCATED BETWEEN THE BEER CAN AND THE CENTER RADAR MOUND. THE RADAR ATOP THE EASTERN ELEVATED PLATFORM BEER CA

2 POSSIBLE TO CONFIRM THAT IT IS THE SAME RADAR DESCRIBED
ON [REDACTED] ALTHOUGH INTERPRETABILITY DOES
NOT PERMIT NEGATING SIMILARITY. IN THE SEPARATELY
SECURED AREA, A RING-LIKE SUPPORT STRUCTURE CAN BE
OBSERVED ATOP THE APPROXIMATELY [REDACTED] PROBABLE
ANTENNA SUPPORT BUILDING. THE OUTER RING DIAMETER
[REDACTED] AND IS LOCATED ON THE
WESTERN END OF THE BUILDING. NO ANTENNA CAN BE
OBSERVED ATOP THE BUILDING.

KY AIRFIELD -- 4 CRATE, 5 CAB, 7 COLT, 10 HOUND, 1
PROBABLE CLOD, AND 2 SMALL STRAIGHT-WING AIRCRAFT ARE
OBSERVED.

SAM BASE SUPPORT COMPLEX -- APPROXIMATELY 28 GUID
MISSILES ARE LYING UNCOVERED ALONG THE EASTERN FENCE
LINE. ALTHOUGH INTERPRETABILITY DOES NOT PERMIT AN
ACCURATE COUNT OF CANISTERS, AN ESTIMATED 250 TO 300
SA-2 CANISTERS ARE OBSERVED WITHIN THE COMPLEX. AT
LEAST 11 PROBABLE MISSILE TRANSPORTERS AND 4 PROBABLE
SA-2 MISSILES ON TRANSPORTERS ARE OBSERVED IN THE
WESTERN PORTION OF THE COMPLEX. LOCATED ALONG THE NW
EDGE OF THE SUPPORT COMPLEX ARE 3 UNOCCUPIED RADAR
MOUNDS AND 3 OCCUPIED HARDSTANDS. ONE PROBABLE HEIGHT
FINDER RADAR, 1 POSSIBLE KNIFE REST RADAR, AND 1 BAR
LOCK RADAR ARE ON THE HARDSTANDS. IMMEDIATELY EAST OF
THE HARDSTANDS ARE 6 VEHICLES AND 9 VANS AND A PROBABLE
VAN-MOUNTED TALL KING RADAR. THE LATTER IS OBSERVED
FOR THE FIRST TIME IN THAT AREA. TO THE REAR OF THE 2
WESTERNMOST UNOCCUPIED RADAR MOUNDS IS A NEWLY
IDENTIFIED FACILITY. IT CONSISTS OF A BUILDING AND 4
HARDSTANDS. ALTHOUGH NO EQUIPMENT IS PRESENT, IT IS
PROBABLY ELECTRONIC-ASSOCIATED DUE TO ITS LOCATION.
SCARRING IN THIS AREA COULD BE OBSERVED ON MISSION
[REDACTED] AND CAN BE NEGATED [REDACTED]

SAM MARSHALLING AREA -- THE MARSHALLING SUPPORT AREA IS
OCCUPIED WITH 5 VANS AND AT LEAST 20 VEHICLES/PIECES OF
EQUIPMENT.

APRON 1 -- CONSTRUCTION ACTIVITY ON ONE OF THE
BUILDINGS, FIRST OBSERVED ON [REDACTED]

APPEARS COMPLETE. AT LEAST 15 VANS/TRUCKS AND 22
VEHICLES/PIECES OF EQUIPMENT ARE PRESENT.

APRON 2 -- AT LEAST 13 PROBABLE PRIME MOVERS, 17 VANS,
AND 6 VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED ON THE
APRON. JUST OFF THE APRON ARE 16 PROBABLE PRIME MOVERS
AND 6 PIECES OF EQUIPMENT.

APRON 3 -- 9 PROBABLE CANVAS-COVERED SA-2 LAUNCHERS AND
13 PROBABLE LOW-BED TRAILERS WITH CABS ARE OBSERVED.

APRON 4 -- 5 SA-3 FIRING UNITS AND 10 ADDITIONAL VANS
ARE OBSERVED.

APRON 5 -- 5 SA-2 FIRING UNITS ARE OBSERVED.

APRON 6 -- 5 SA-2 FIRING UNITS AND A FAN SONG GUIDANCE
UNIT WITHOUT ASSOCIATED LAUNCHERS ARE OBSERVED.

SAM TRAINING SITES A AND B ARE UNOCCUPIED.

NO SIGNIFICANT CHANGE HAS OCCURRED AT INSTRUMENTATION
SITES 1 AND 3-9. EIGHT VEHICLES AND VANS ARE LOCATED
ON THE ROAD NEAR THE ENTRANCE TO INSTRUMENTATION SITE
2, BUT NO SIGNIFICANT CHANGES TO FACILITIES ARE NOTED.

KAPUSTIN YAR MISSILE STOR - HANDLING AREA UR 4822N 04612E [REDACTED]

ONE ASM-4 @KITCHEN, AT LEAST 46 PROBABLE ASM SHIPPING
CRATES, AND 1 TRUCK-MOUNTED CRANE ARE OBSERVED IN THE
AREA. THESE ARE IN THE SAME POSITIONS @EXCEPT FOR THE
CRANE AS ON EARLIER COVERAGE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

KAPUSTIN YAR MSL TEST - SUPPORT COMPLEX UR 4822N 04553E [REDACTED]

APPROXIMATELY 35 VEHICLES/PIECES OF EQUIPMENT ARE
OBSERVED IN THE TEST AND SUPPORT COMPLEX. AT LEAST 75
RAIL CARS ARE ON THE RAIL LINE BETWEEN THE TEST AND
SUPPORT COMPLEX AND ONE AIR LIQUEFACTION PLANT. NO
MISSILES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E [REDACTED]

THE ONLY FACILITIES COVERED AT THE TEST CENTER ARE
LAUNCH COMPLEX A, PROBABLE LONG RANGE SAM LAUNCH
COMPLEX

COMMUNICATIONS FACILITY 5 @MWH, AND SEVERAL IMPACT
AREAS. NO NEW MISSILE FACILITIES OBSERVED.

[REDACTED]
SARY-SHAGAN LAUNCH COMPLEX A @ZONE AM UR 4625N 07252E [REDACTED]
LAUNCH COMPLEX A AND PROBABLE LONG RANGE SAM LAUNCH
COMPLEX 2 ARE COVERED ON CLEAR, STEREO PHOTOGRAPHY OF
GENERALLY FAIR INTERPRETABILITY WITH SOME PORTIONS OF
GOOD INTERPRETABILITY.

MISSILE ACTIVITY HAS INCREASED CONSIDERABLY IN THE
AREA. A TOTAL OF 16 PROBABLE LONG RANGE SAMs IS SEEN AT
THE 2 COMPLEXES -- 11 AT LAUNCH COMPLEX A, 4 AT
PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2, AND 1
PROBABLE IN THE MISSILE STORAGE AND CHECKOUT AREA.
THIS IS THE GREATEST NUMBER OF THESE MISSILES OBSERVED
TO DATE IN THE GENERAL AREA ON ANY ONE MISSION. THIS
IS ALSO THE FIRST EVIDENCE OF 2 MISSILES OBSERVED ON
THE 2 DOLLIES AT THE SAME LAUNCH POSITION
SIMULTANEOUSLY.

SITES 1 AND 2 -- ACTIVITY CONTINUES AT LAUNCH SITE 1
WITH 2 GUIDELINE MISSILES OBSERVED, INCLUDING 1 BEING
LOADED ON A LAUNCHER. LAUNCHERS ARE OBSERVED ON ALL
POSITIONS EXCEPT 1/6. AN UNIDENTIFIED LAUNCHER
CONTINUES TO OCCUPY POSITION 1/7. JUST EAST OF 1/6 ARE
2 SA-2 LAUNCHERS AND A MISSILE ON A PROBABLE LAUNCHER.
CLOSE TO THE EASTERN SITE BOUNDARY ARE 3 ADDITIONAL
SA-2 LAUNCHERS, 8 SETS OF BOGIE WHEELS, AND 6 VANS.
CLOSE TO THE NORTHERN BOUNDARY ARE 3 SA-2 LAUNCHERS AND
6 PROBABLE COVERED MISSILES, APPROXIMATELY [REDACTED]
ON TRANSPORTERS/CRADLES. THE FAN SONG E, B, OR C
RADARS REMAIN IN THE GUIDANCE AREA. THE FAN SONG E
RADAR REMAINS IN THE GUIDANCE AREA AT LAUNCH SITE 2.
PROBABLE SCORPION LAUNCHERS ARE OBSERVED AT LAUNCH
POSITIONS 2/5 AND 2/6 AND AN UNIDENTIFIED LAUNCHER IS
ON THE SERVICE ROAD ADJACENT TO POSITION 2/2. THE
LATTER IS APPROXIMATELY [REDACTED] AND GENERALLY
RESEMBLES AN SA-2 LAUNCHER, BUT APPEARS SOMEWHAT
BULKIER. THESE ARE THE FIRST CONFIRMED LAUNCHERS
OBSERVED AT LAUNCH SITE 2. THE REMAINING LAUNCH
POSITIONS ARE UNOCCUPIED. IN THE SITE SUPPORT FACILITY
ARE 21 VEHICLES/PIECES OF EQUIPMENT.

SITES 3 AND 4 -- A SOMEWHAT INCREASED TEMPO IN MISSILE
ACTIVITY IS OBSERVED AT LAUNCH SITE 3 WHERE 6 MISSILES
ARE OBSERVED. LAUNCHERS ALSO OCCUPY EACH POSITION.
MISSILES ARE OBSERVED ON LAUNCHERS AT POSITIONS 3/3,
3/4, AND 3/5, ON THE RIGHT DOLLY AT POSITION 3/5, AND
ON BOTH DOLLIES AT POSITION 3/6. ONE DOLLY IS ALSO
OBSERVED AT POSITION 3/2 AND 2 ARE AT POSITION 3/4.
THE CENTRAL AREA IS OCCUPIED BY 4 VANS/GENERATORS.
ADJACENT TO THE NORTH, ARE 7 LAUNCHERS, 1 MISSILE
TRANSPORTER, 1 VAN, APPROXIMATELY 16 MISSILE DOLLIES,
AND 2 PROBABLE MOCKUP MISSILES. THERE ARE NOW 5
LAUNCHERS IN POSITION AT LAUNCH SITE 4. THE
REAPPEARANCE OF 4 ADDITIONAL LAUNCHERS SINCE MISSION

[REDACTED] INDICATES RENEWED ACTIVITY AT THIS
SITE. A MISSILE OCCUPIES THE RIGHT DOLLY AT POSITION
4/1. THE BOOSTERS ARE IDENTIFIABLE ON THIS MISSILE,
BUT NO FURTHER INFORMATION IS OBTAINABLE. ONE DOLLY IS
NOTED AT POSITIONS 4/2 AND 4/4 AND 2 DOLLIES AT
POSITION 4/3. THE CENTRAL AREA IS OCCUPIED BY 5
VANS/GENERATORS.

ELECTRONIC SITE B AND THE MISSILE HANDLING AREA -- AT
ELECTRONIC SITE B, THE ENGAGEMENT RADAR IS SEEN AT
RADAR POSITIONS B-1 AND B-2. THE 2 RADARS ARE ORIENTED
IN DIFFERENT DIRECTIONS. RADAR POSITION B-3 REMAINS
UNOCCUPIED. AT THE MISSILE HANDLING AREA TO THE EAST,
2 MISSILES CAN BE SEEN IN TANDEM POSITION CLOSE TO THE
NORTH END OF THE EASTERN OF THE 2 PARALLEL, 215-FT
LONG, ELEVATED RAIL-EQUIPPED STRUCTURES. TWO SHORT,
UNIDENTIFIED OBJECTS ARE SEEN FOR THE FIRST TIME AT THE
ENTRANCE TO THE U-SHAPED REVETMENT JUST EAST OF THESE
STRUCTURES. JUST SW AND SE OF THE STRUCTURES ARE
APPROXIMATELY 18 CRATES/TRANSPORTERS/VEHICLES, SOME OF
WHICH HAVE MOVED SINCE [REDACTED]

SITES 5 AND 6 AND ELECTRONIC SITE C -- NO SIGNIFICANT
CHANGES ARE OBSERVED AT LAUNCH SITE 5 SINCE [REDACTED]
AND ALTHOUGH NO CHANGE IN FACILITIES IS APPARENT AT
LAUNCH SITE 6, 2 TRENCHES, NEW SINCE THAT DATE, ARE
OBSERVED

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25X1

25X1

25X1

TOWARD THE MISSILE STORAGE AND CHECKOUT AREA. THE 1 TRENCH APPARENTLY ORIGINATES AT THE PRINCIPAL NORTH/SOUTH CABLELINE JUST WEST OF LAUNCH SITE 6 AND ALMOST REACHES THE SOUTHERN BOUNDARY OF THE CHECKOUT AREA AND THE OTHER EXTENDS FROM THE EAST-CENTRAL PORTION OF THE OUTER FENCELINE OF LAUNCH SITE 6 AND PROCEEDS APPROXIMATELY THREE-FOURTHS OF THE DISTANCE TO THE CHECKOUT AREA. AT ELECTRONIC SITE C, THE LARGE ANTENNAS REMAIN ON THE GROUND AT RADAR POSITIONS C-1 AND C-2. A NUMBER OF SMALL UNIDENTIFIED OBJECTS HAS APPEARED SINCE [REDACTED] CLOSE TO THE NW CORNER OF POSITION C-2. CONSIDERABLE ACTIVITY HAS TAKEN PLACE RECENTLY AT RADAR POSITION C-3 AND AT THE CONTROL CENTER. THE SQUARE PAD CONSTRUCTED JUST EAST OF THE RING AT POSITION C-3 BETWEEN [REDACTED]

25X1

25X1
25X1

[REDACTED] WAS FIRST OBSERVED OCCUPIED ON EQUIPMENT IDENTIFIABLE ON THE CURRENT MISSION INCLUDES A POSSIBLE PROBABLE LONG RANGE SAM ENGAGEMENT RADAR BEING ASSEMBLED AND 4 PROBABLE ELECTRONIC VANS AS WELL AS 1 VAN ADJACENT TO THE PAD. A TOWER, PROBABLY INTENDED FOR INSTALLATION OF ELECTRONIC EQUIPMENT, HAS BEEN ERECTED JUST EAST OF THE PAD SINCE [REDACTED] THE EASTERN OUTER FENCE SEGMENT ENCLOSING RADAR POSITION C-3 HAS BEEN REALIGNED. A BREAK IN THIS FENCE SEGMENT PROVIDES ACCESS FOR TRAILS FROM THE SITE. UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED ON THE RECENTLY CONSTRUCTED APRON ADJACENT TO THE NW CORNER OF THE CENTRAL CONTROL BUILDING ON [REDACTED] CAN NOW BE IDENTIFIED AS A PROBABLE LONG RANGE SAM ENGAGEMENT RADAR AND 9 PROBABLE ELECTRONIC VANS. NEW POSSIBLE CABLING CONNECTS THIS APRON WITH THE NEW PAD AT POSITION C-3 AND WITH THE NEW TOWER. THE SHORT CABLE SEGMENT HAS BEEN BURIED WITHIN THE FENCED AREA WHICH EXTENDS FROM THE CENTRAL CONTROL BUILDING BOTH PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2 AND TO ITS ASSOCIATED AIR WARNING SITE. [REDACTED] 1 BUILDING HAS BEEN DISMANTLED CLOSE TO THE NE CORNER OF THE CENTRAL CONTROL AREA.

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ELECTRONIC SITE D -- AT ELECTRONIC SITE D, 3 ADDITIONAL VANS HAVE APPEARED [REDACTED] CLOSE TO THE NORTH BOUNDARY AND A CABLE TRENCH, NEW [REDACTED] SERVES THE SITE.

25X1
25X1

AT ELECTRONIC SITE E, A ROCK CAKE/STONE CAKE RADAR, A PROBABLE BIG MESH RADAR, AND A BAR LOCK RADAR CAN BE IDENTIFIED AS WELL AS SEVERAL VANS WITH MASTS.

25X1

AT ELECTRONIC SITE F, [REDACTED] 2 BACK NET AND 1 SIDE NET RADAR HAVE LEFT ELECTRONIC SITE F, LEAVING ONLY 2 BACK NET RADAR. ADDITIONAL VANS/PIECES OF EQUIPMENT HAVE APPEARED AT THE SITE DURING THIS PERIOD. MISSILE STORAGE AND CHECKOUT AREA -- IN THE MISSILE STORAGE AND CHECKOUT AREA, 1 PROBABLE LONG RANGE SAM, APPROXIMATELY [REDACTED] IS OBSERVED ON AN APRON NEAR THE NE BOUNDARY. AN EXTENSION, 25 X 20 FT, IS BEING ADDED TO THE EASTERNMOST 160 X 60-FT MISSILE STORAGE/HANDLING BUILDING. NUMEROUS CPATES AND PIECES OF EQUIPMENT ARE OBSERVED IN THE AREA. TRENCHING, NEW SINCE [REDACTED] IS OBSERVED EXTENDING ALONG THE EASTERN PORTION OF THE AREA.

25X1

25X1

PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2 -- LAUNCHERS ARE OBSERVED AT ALL LAUNCH POSITIONS OF THE 2 LAUNCH SITES EXCEPT AT LAUNCH POSITION B/2, WHICH REMAINS UNOCCUPIED. A MISSILE IS ON THE LAUNCHER AT POSITION A/2. THE LAUNCHER AT POSITION A/5 IS IN AN ERECT POSITION. TWO DOLLIES ARE OBSERVED AT EACH OF THE 12 LAUNCH POSITIONS. A COVERED MISSILE OCCUPIES EACH OF THE 2 DOLLIES AT POSITION A/6. THE DOLLIES AT LAUNCH POSITIONS B/1 THROUGH B/4 REMAIN PARKED AT RIGHT ANGLES TO THE NORMAL WORKING ALIGNMENT POSITION. THOSE AT POSITIONS B/5 AND B/6 HAVE BEEN REALIGNED. ALL DOLLIES AT LAUNCH SITE B ARE COVERED. ALTHOUGH RAILS ARE NOT DISCERNIBLE AT LAUNCH SITE B, AT POSITIONS B/1 AND B/6 THERE IS EVIDENCE OF SOME ACTIVITY IN THE AREA BETWEEN THE LAUNCH POINTS AND THE DOLLIES. THE 2 ENGAGEMENT RADARS REMAIN IN THE ASSOCIATED TRACKING/GUIDANCE RADAR FACILITY. A MISSILE TRANSPORTER WITH AN APPROXIMATELY 36-FT LONG MISSILE IS OBSERVED ON 1 OF THE SERVICE ROADS WITHIN THE FACILITY WHICH PROVIDES ACCESS TO THE 2 LAUNCH SITES. NO SIGNIFICANT CHANGES ARE OBSERVED IN THE BACI

THE 2 NEARBY UNIDENTIFIED SITES.

NO SIGNIFICANT CHANGES ARE OBSERVED [REDACTED] AT ELECTRONIC SITE G, THE HEADQUARTERS AND ADMINISTRATION AREA, THE ON-SITE SAM SUPPORT FACILITY, AND THE AIRSTRIP.

[REDACTED] ANTIPINSKOYE SAM TRAINING FACILITY UR 5251N 11336E [REDACTED] HENCEFORTH, THE COMPONENTS OF THE ANTIPINSKOYE SAM TRAINING FACILITY WILL BE DESIGNATED AS FOLLOWS -- THE SOUTHERN MIRROR IMAGE LAUNCH SITES WILL CONSTITUTE LAUNCH AREA 1. THE NORTHERN MIRROR IMAGE LAUNCH SITES WILL CONSTITUTE LAUNCH AREA 2. THE NORTHERNMOST LAUNCH AREA WILL BE DESIGNATED LAUNCH AREA 3.

WHERE MORE THAN ONE LAUNCH SITE IS PRESENT WITHIN A LAUNCH AREA, THEY WILL BE DESIGNATED ALPHABETICALLY FROM SOUTH TO NORTH.

THE SMALL SUPPORT AREA 4 NM EAST OF THE HEADQUARTERS/HOUSING AREA WILL BE DESIGNATED SUPPORT AREA A.

THE SUPPORT/STORAGE AREA 0.5 NM EAST OF THE HEADQUARTERS/HOUSING AREA WILL BE DESIGNATED SUPPORT AREA B.

THE MAIN SUPPORT BASE WILL BE DESIGNATED THE HEADQUARTERS/HOUSING AREA.

LAUNCH AREA 1 -- AT LAUNCH SITE A, 1 LAUNCH POSITION IS OCCUPIED BY A MISSILE ON LAUNCHER, 3 ARE OCCUPIED BY LAUNCHERS, AND 2 ARE UNOCCUPIED. THE GUIDANCE AREA CONTAINS A FAN SONG RADAR @PROBABLE TYPE E# AND 8 SUPPORT VANS.

AT LAUNCH SITE B, 2 LAUNCH POSITIONS ARE OCCUPIED BY MISSILES ON LAUNCHERS, 3 ARE OCCUPIED BY LAUNCHERS, AND 1 IS UNOCCUPIED. THE GUIDANCE AREA CONTAINS A FAN SONG RADAR AND 7 SUPPORT VANS.

AROUND THE LAUNCH AREA ARE 6 PROBABLE MISSILE TRANSPORTERS, 5 VAN TRAILERS, 4 VAN TRUCKS, AND 6 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED AROUND THE LAUNCH AREA.

LAUNCH AREA 2 -- AT LAUNCH SITE A, 4 LAUNCH POSITIONS ARE OCCUPIED BY MISSILES ON LAUNCHERS AND 2 ARE OCCUPIED BY LAUNCHERS. THE GUIDANCE AREA CONTAINS A FAN SONG RADAR @PROBABLE TYPE E# AND 8 SUPPORT VANS. AT LAUNCH SITE B, 3 LAUNCH POSITIONS ARE OCCUPIED BY MISSILES ON LAUNCHERS, 1 IS OCCUPIED BY A LAUNCHER AND MISSILE ON TRANSPORTER, AND 2 ARE OCCUPIED BY LAUNCHERS. THE GUIDANCE AREA CONTAINS A FAN SONG RADAR AND 7 VANS.

FIVE EMPTY MISSILE TRANSPORTERS, 1 COVERED MISSILE TRANSPORTER, 3 VAN TRAILERS, 5 VAN TRUCKS, 8 SETS OF BOGIE WHEELS, AND 6 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED AROUND THE LAUNCH AREA.

LAUNCH AREA 3 -- LAUNCH SITE A CONTAINS ONE 6-POSITION UNREVIEWED LAUNCH SITE WITH 4 POSITIONS OCCUPIED AND 2 POSITIONS POSSIBLY OCCUPIED. THE GUIDANCE AREA CONTAINS A RADAR AND 6 VANS.

POSSIBLE LAUNCH SITE B CONTAINS ONE POSSIBLE 6-POSITION LAUNCH SITE, UNOCCUPIED, LOCATED JUST NORTH OF LAUNCH SITE A. ALSO WITHIN THE AREA ARE AT LEAST 1 COVERED MISSILE TRANSPORTER AND 6 SETS OF PROBABLE BOGIE WHEELS.

FIVE PROBABLE VEHICLES IN A REVETMENT AND 17 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE IN THE MOTOR POOL ADJACENT TO THE HEADQUARTERS/HOUSING AREA. SUPPORT AREA B CONTAINS AT LEAST 100 MISSILE CANISTERS, APPROXIMATELY 50 WING/BOOSTER CRATES, 8 COVERED MISSILE TRANSPORTERS, 6 EMPTY MISSILE TRANSPORTERS, 5 PROBABLE MISSILE TRANSPORTERS, AT LEAST 5 PROBABLE LAUNCHERS, AND 25 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT. APPROXIMATELY 30 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT AND 6 BUILDINGS ARE LOCATED APPROXIMATELY 0.3 NM SOUTH OF SUPPORT AREA B.

SUPPORT AREA A CONTAINS AT LEAST 1 MISSILE TRANSPORTER WITH A PROBABLE GUIDELINE @SA-2# MISSILE. ONE COVERED MISSILE TRANSPORTER IS MOVING ON THE ROAD BETWEEN SUPPORT AREAS A AND B. NO NEW CONSTRUCTION OBSERVED IN THE ENTIRE AREA.

LAUNCH AREA 1 -- AT LAUNCH SITE A, 1 LAUNCH POSITION IS

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SECTION # 25

ARE OCCUPIED BY LAUNCHERS AND 2 ARE UNOCCUPIED.
AT LAUNCH SITE B, 5 LAUNCH POSITIONS ARE OCCUPIED BY LAUNCHERS AND PROBABLE MISSILE TRANSPORTERS AND 1 IS UNOCCUPIED.

LAUNCH AREA 2 -- AT LAUNCH SITE B, 5 LAUNCH POSITIONS ARE OCCUPIED BY LAUNCHERS ONLY AND 1 BY A MISSILE ON LAUNCHER AND TRANSPORTER.

TWO BUILDINGS AND 1 HOUND HELICOPTER ARE LOCATED APPROXIMATELY 1.5 NM SE OF THE HEADQUARTERS/HOUSING AREA. A HELICOPTER WAS PROBABLY PRESENT IN APPROXIMATELY THE SAME LOCATION ON THE PREVIOUS DAY. NO CHANGE IN THE REST OF THE FACILITY SINCE PASS [REDACTED]

NENOKSA MISSILE TEST CENTER --UR 6438N 03911E [REDACTED]
A NEW LAUNCH AREA, FIRST OBSERVED UNDER CONSTRUCTION ON [REDACTED]

AND ORIENTED ON AN AZIMUTH OF APPROXIMATELY 330 DEGREES, HAS BEEN COMPLETED. THE AREA IS DESIGNATED LAUNCH AREA C. IT IS SECURED BY A DOUBLE FENCE AND SERVED BY A CONCRETE LOOP ROAD AND A SINGLE RAIL SPUR. THE AREA CONTAINS 1 LAUNCH PAD WITH A MAXIMUM LENGTH OF 200 FT AND [REDACTED] THE PAD IS CONNECTED BY A CONDUIT LEADING 130 FT NORTH TO A PROBABLE FUEL OFF-LOADING POINT WHICH IS SERVED BY THE RAIL SPUR. ADDITIONAL FEATURES IN THE AREA INCLUDE A RAIL-SERVED SUPPORT BUILDING, A POSSIBLE CONTROL BUILDING, 3 SMALL STRUCTURES, 1 LATTICE TOWER, 1 UNIDENTIFIED STICK MAST, AND 3 GUARD TOWERS.

THE MAIN OPERATIONS/LAUNCH AREA IN THE CENTER OF THE COMPLEX IS DESIGNATED LAUNCH AREA A. IT CONTINUES TO BE OCCUPIED BY 3 INCLINED UNOCCUPIED LAUNCHERS. PROBABLE SS-CD-1 CRATES, OBSERVED ADJACENT TO THE LAUNCH PAD ON [REDACTED] ARE NOT PRESENT.

AT LEAST 6 PROBABLE SS-N-3 CRATES ARE ADJACENT TO THE RAIL LINE IN THE SUPPORT AREA 2 NM EAST. AN AREA 1 NM WEST OF LAUNCH AREA A IS DESIGNATED LAUNCH AREA B. THE AREA WAS PRESENT WHEN THE COMPLEX WAS FIRST COVERED ON [REDACTED]

IT IS SECURED BY A SOLID WALL FENCE AND CONTAINS A NEARLY CIRCULAR CONCRETE APRON WITH A DIAMETER OF APPROXIMATELY 200 FT, A PROBABLE CONTROL BUILDING, 2 SMALL STRUCTURES, 1 LARGE AND 1 SMALL BUNKERED STRUCTURES, 2 UNIDENTIFIED BUNKERS, AND A WASTE DISPOSAL UNIT APPROXIMATELY 200 FT WEST OF THE AREA. MODIFICATION OF LAUNCH AREA B WAS FIRST OBSERVED [REDACTED]

AND WAS COMPLETE ON [REDACTED]

67. THE MODIFICATION CONSISTS OF THE CONSTRUCTION OF THE PROBABLE CONTROL BUILDING, 1 SMALL STRUCTURE, AND THE 2 UNIDENTIFIED BUNKERS.

NENOKSA MISSILE TEST CENTER U/I AREA --UR 6438N 03913E [REDACTED]
THE UNIDENTIFIED AREA, FIRST OBSERVED UNDER CONSTRUCTION ON [REDACTED] HAS BEEN COMPLETED AND IS DESIGNATED LAUNCH AREA C. IN THE FUTURE THIS UNIDENTIFIED AREA WILL BE REPORTED UNDER NENOKSA MISSILE TEST CENTER, [REDACTED]

SEVERODVINSK NAVAL BASE AND SHIPYARD 402 --UR 6434N 03949E [REDACTED]
OB [REDACTED] -- LAUNCHING BASIN @FLOODED-- 1 UNIDENTIFIED AUXILIARY AND 1 TUG.

FITTING-OUT QUAY MAIN YARD -- 1 U-BALLISTIC MISSILE SUBMARINE @2 ROWS OF AT LEAST 4 MISSILE TUBES ARE VISIBLE AFT OF THE SAIL. THE OPEN MISSILE TUBE CAPS ON THE PORT SIDE OF THE SHIP ARE READILY APPARENT AND APPEAR TO BE SMALLER THAN THOSE PREVIOUSLY OBSERVED ON G-AND H-BALLISTIC MISSILE SUBMARINES. ALSO, 1 E-II-SSGN, 2 N-SSN @BOTH IN FLOATING DOCKS, 5 RECTANGULAR SUPPORT BARGES, AND 4 UNIDENTIFIED VESSELS. WEST BASIN AREA -- 1 J-SSG, 2 RIGA-DE, 2 KRONSTADT-PC, 8 PATROL CRAFT @ON QUAY, 1 TRANSPORTER DOCK, AND 29 UNIDENTIFIED VESSELS.

NUCLEAR SUBMARINE SEPCIAL SUPPORT FACILITY -- 1 N-SSN AND 1 RECTANGULAR SUPPORT BARGE. TWO UNIDENTIFIED VESSELS ARE MOORED JUST OFF THE QUAY.

NORTH YARD -- 1 H-II-SSBN @WITH PARTIALLY SCAFFOLDED SAIL, 1 G-II-SSB, 1 G-SSB, 1 Z-V-SSB, 1 W-TWIN-CYLINDER SSG, 1 ZEYA-YRSN, 1 BOLVA-APL, 1 BUSSARD-AKL, 1 YAGT, 2 RECTANGULAR SUPPORT BARGES, AND 13 UNIDENTIFIED SMALL VESSELS ALONG THE QUAYS. ONE H-SSBN, 1 G-SSB, 1 N-SSN, AND 2 RECTANGULAR SUPPORT BARGES A

EAST QUAY -- 1 CATAMARAN-TYPE VESSEL, 6 UNIDENTIFIED VESSELS, AND 1 FLOATING CRANE.

UNIDENTIFIED FACILITY -- 1 UNIDENTIFIED VESSEL.

CHANGES AND ADDITIONS IN OB FOR [REDACTED]

LAUNCHING BASIN @DRY# -- 1 LARGE UNIDENTIFIED SUBMARINE APPROXIMATELY 410 TO 420 FT IN LENGTH. THIS SUBMARINE IS NOT A U-CLASS.

FITTING-OUT QUAY MAIN YARD -- ONE OF THE FLOATING DOCKS THAT CONTAINED A N-SSN IS NOW EMPTY AND IS LOCATED AT THE EAST END OF THE QUAY NEAR THE BASIN GATE. THE N-SSN THAT WAS IN THE FLOATING DOCK IS NOW AT THE WEST END OF THE QUAY. A THIRD N-SSN IS NOW IN THE BERTHING SPACE NEAREST THE PERPENDICULAR FLOATING DOCK. A LAUNCHING APPARATUS, CONSISTING OF 7 SETS OF 3 CRADLES/TRUCKS, IS POSITIONED ON THE SIDE-LAUNCHING WAY OF CONSTRUCTION HALL NUMBER 2 @DIESEL SHED#.

WEST BASIN AREA -- 1 E-II-SSGN, 1 SVERDLOV-CL, 1 KRESTA-DLGM, AND 1 RIGA-DE. THE 2 KRONSTADT-PC HAVE DEPARTED.

NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY -- THE N-SSN AND THE RECTANGULAR SUPPORT BARGE HAVE MOVED TO THE OPPOSITE @EAST# END OF THE QUAY.

NORTH YARD -- THE SAIL OF THE H-II-SSBN NOW APPEARS TO BE COMPLETELY SCAFFOLDED.

CONSTRUCTION CONTINUES ON THE NEW FABRICATION BUILDING, THE WEST BASIN AREA, THE COVERED REPAIR WAY, AND THE QUAYED AREAS AT THE NORTH YARD AND THE WEST BASIN. A PIER IS UNDER CONSTRUCTION JUST NORTH OF THE GATE TO THE MAIN LAUNCHING BASIN. A NEW LOOP ROAD HAS BEEN ADDED IN THE MISSILE STORAGE/HANDLING AREA.

[REDACTED] GUBA SAYDA SUBMARINE BASE UR 6915N 03320E [REDACTED]

OB -- 2 H-SSBN, 3 G-I-SSB, 1 G-SSB, 1 K-I-SS, 1 ASL, 1 DNEPR-AR, 2 PM-124-YRSN, 1 SKORYY-AG, 1 LIBAU AGCL, 1 BOLVA APL, 1 YR, 1 FLOATING CRANE, AND 6 SMALL CRAFT. ONE SVERDLOV-CL, 1 KRUPNYY-DDGS, 6 SKORYY-DD, 4 AUXILIARIES, 1 YR, AND 8 SMALL CRAFT AT THE WEST END OF GUBA SAYDA.

TWO BUILDINGS ARE UNDER CONSTRUCTION IN THE HOUSING AREA.

[REDACTED] GUBA LITSA NAVAL MISSILE STORAGE UR 6923N 03200E [REDACTED]

SECURED MISSILE STORAGE AND HANDLING FACILITY, LOCATED APPROXIMATELY 2 NM SOUTH OF THE SUBMARINE BASE, INCLUDES 17 EARTH-COVERED BUILDINGS @2 UNDER CONSTRUCTION#, 4 BUILDERS, 1 ARCH-ROOFED BUILDING, A FUEL STORAGE AREA, 2 VEHICLE STORAGE AREAS, A BARRACKS AND ADMINISTRATION AREA, AND NUMEROUS RELATED BUILDINGS.

OB -- 81 MISSILE CRATES, 17 MISSILE TRANSPORTERS, 4 TRUCK-MOUNTED CRANES, 7 TRUCK TRACTORS, 2 FUEL SEMITRAILERS WITH TRACTORS, 1 WHEELED CRANE, 2 MISSILE SERVICE TENTS, 5 SMALL ARCH-ROOFED SHELTERS, 4 TENTS, AND NUMEROUS SMALL CRATES, TRUCKS, AND UNIDENTIFIED PIECES OF EQUIPMENT.

AIR FACILITIES

KIPELOVO AIRFIELD UR 5911N 03907E [REDACTED]

OB -- 13 BEAR B, 1 BEAR A, AND 1 CAB.

NO NUCLEAR OR MISSILE STORAGE FACILITY OBSERVED. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED] KAZAN AIRFRAME PLANT GORBUNOV 22 UR 5551N 04906E [REDACTED]

OB -- 12 BLINDER, 8 BADGER, 1 CAT/CUB, AND 4 CAR. CONSTRUCTION CONTINUES ON THE LARGE SHOP BUILDING.

[REDACTED] RAMENSKOYE FLIGHT TEST CENTER UR 5533N 03808E [REDACTED]

OB -- [REDACTED] -- 16 IDENTICAL DELTA-WING AIRCRAFT 60 FT LONG WITH A WING SPAN [REDACTED] AND A FUSELAGE DIAMETER OF APPROXIMATELY 10 FT. THE AIRCRAFT HAS A POINTED NOSE AND 2 PROBABLY INTERNALLY MOUNTED ENGINES WITH CHEEK INTAKES FORWARD OF THE WING ROOT. THE CANOPY IS POSITIONED FORWARD OF THE AIR INTAKES. THE HORIZONTAL STABILIZERS ARE SWEEPED AND MOUNTED ON THE SIDES OF THE FUSELAGE. THE VERTICAL STABILIZER APPEARS TO BE POSITIONED FORWARD ON THE FUSELAGE SIMILAR TO THE USAF F-105. THESE AIRCRAFT ARE SIMILAR TO THOSE IDENTIFIED AT NOVO.

TECHNOLOGY DIVISION AS NEW GENERATION ON [REDACTED]

ONE DELTA-WING AIRCRAFT IS [REDACTED] WITH A WING SPAN [REDACTED] THE AIRCRAFT HAS A SINGLE ENGINE AND IS CONFIGURED SIMILAR TO THE FISHPOT @SU-9. THREE AIRCRAFT ARE SIMILAR TO THE ONES OBSERVED AT AKHTUBINSK/VLADIMIROVKA ON [REDACTED] FURTHER ANALYSIS REVEALS THIS AIRCRAFT TO HAVE TWIN VERTICAL STABILIZERS. ALSO OBSERVED ARE 2 V/STOL @1 IN DERELICT AREA, ONE [REDACTED] TWIN-ENGINE AIRCRAFT @POSSIBLY YAKOLEV DESIGN, ONE [REDACTED] DELTA-WING, 1 BOUNDER, 2 BISON, 1 BEAR, 7 BLINDER, 15 BADGER, 7 BEAGLE, 4 FIDDLER, 13 FISHPOT, 11 FITTER @1 WITHOUT TAIL, 17 FISHBED, 15 FIREBAR/BREWER, 1 FLASHLIGHT, 5 FARMER, 1 FRESCO, 3 FAGOT, 1 MANDRAKE, 3 CLASSIC, 2 CLEAT, 2 COOKER, 9 CAMEL, 3 CRUSTY, 5 COOKPOT, 14 COOT, 7 CAT/CUB, 2 COKE, 1 CRATE, 4 CAB, 1 COLT, 3 MAYA, 3 HOOK, 1 HARKE, 12 HOUND, 1 PROBABLE HIP-C, 3 UNIDENTIFIED SMALL HELICOPTERS, AND 1 SMALL STRAIGHT-WING. ONE BEAGLE, 1 FIREBAR-TYPE, 1 COOT, 1 PROBABLE CLASSIC FUSELAGE, AND 1 PROBABLE CRUSTY FUSELAGE ARE IN THE DERELICT AREA.

-- 16 IDENTICAL DELTA-WING AIRCRAFT 60 FT LONG @SEE [REDACTED] 1 DELTA-WING [REDACTED] SIMILAR TO THE FISHPOT @SEE [REDACTED] 2 AIRCRAFT SIMILAR TO THE AIRCRAFT ON [REDACTED] AT AKHTUBINSK/VLADIMIROVKA @SEE [REDACTED] 2 PROBABLE V/STOL @1 IN THE DERELICT AREA, ONE [REDACTED] LONG TWIN-ENGINE AIRCRAFT @POSSIBLY YAKOLEV DESIGN, ONE [REDACTED] DELTA-WING, 1 BOUNDER, 2 BISON, 1 BEAR, 8 BLINDER, 14 BADGER, 7 BEAGLE, 4 FIDDLER, 15 FISHPOT @1 WITHOUT TAIL, 11 FITTER, 18 FISHBED, 16 FIREBAR/BREWER, 1 FLASHLIGHT/FIREBAR, 1 FLASHLIGHT, 4 FARMER, 1 FRESCO, 4 FAGOT, 1 MANDRAKE, 3 CLASSIC, 2 CLEAT, 2 COOKER, 10 CAMEL, 2 CRUSTY, 6 COOKPOT, 14 COOT, 6 CAT/CUB, 1 CAMP, 2 COKE, 1 CRATE, 4 CAB, 2 COLT, 3 MAYA, 3 HOOK, 1 HARKE, 13 HOUND, 1 HIP-C, 3 UNIDENTIFIED SMALL HELICOPTERS, AND 1 SMALL STRAIGHT-WING. ONE BEAGLE, 1 COOT, 1 PROBABLE CLASSIC FUSELAGE, AND 1 PROBABLE CRUSTY FUSELAGE ARE IN THE DERELICT AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

VORONEZH AIRCRAFT ASSEMBLY PLANT 64 UR 5138N @3915E [REDACTED] OB -- 1 FIDDLER B LOADED WITH 3 PROBABLE ASH AIR-TO-AIR MISSILES, 2 FIDDLER, 1 CAMP, 1 CRATE, AND 4 CAB. THREE ADDITIONAL ASH MISSILES ARE ADJACENT TO THE FIDDLER B. CONSTRUCTION CONTINUES ON A WORKSHOP IN THE CENTER OF THE PLANT. AN UNIDENTIFIED AIRCRAFT FUSELAGE IS PRESENT NEAR THE SOUTH END OF THE FINAL ASSEMBLY HALL. THE PREVIOUSLY REPORTED RUNWAY EXTENSION NOW APPEARS COMPLETE. AN ENGINEERING/ADMINISTRATION SECTION IS BEING ADDED TO A WORKSHOP ON THE WEST SIDE OF THE RUNWAY.

GORKIY/SORMOVO AIRFIELD UR 5619N @4348E [REDACTED] OB -- [REDACTED] -- 20 FISHBED, 1 FAGOT/FRESCO, 2 CRATE, AND 2 CAB.

-- 1 DELTA-WING SIMILAR TO THE AIRCRAFT IDENTIFIED AT AKHTUBINSK/VLADIMIROVKA ON [REDACTED] AND AT RAMENSKOYE FLIGHT TEST CENTER ON PASSES [REDACTED] OF THIS MISSION. THIS AIRCRAFT ALSO APPEARS TO HAVE TWIN VERTICAL STABILIZERS. THE AIRCRAFT IS NEAR THE FINAL ASSEMBLY BUILDING. ALSO, 13 FISHBED, 1 FAGOT/FRESCO, 1 CAMP, 2 CRATE, 3 CAB, AND 2 PROBABLE CREEK.

GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21 UR 5619N @4351E [REDACTED] THE LARGE BUILDING IS STILL IN AN EARLY STAGE OF CONSTRUCTION. SEE GORKIY/SORMOVO AIRFIELD, [REDACTED] FOR AIRCRAFT.

ULAN-UDE AIRFRAME PLANT 99 UR 5151N @744E [REDACTED] OB -- 1 MANDRAKE, 1 COKE, AND 1 CAB. CONSTRUCTION IS NEARING COMPLETION ON THE SUBASSEMBLY BUILDING.

PS

AKHTUBINSK/VLADIMIROVKA AIRFIELD UR 4818N 04613E

OB -- ALONG TAXIWAY AND ADJACENT TO PARKING APRONS -- 2
AIRCRAFT SIMILAR TO THOSE OBSERVED AT THIS FIELD ON

2 BEAR-A, 1 PROBABLE BEAR-C, 1
BEAR-C LOADED WITH KANGAROO ASM ON SE CROSSOVER, 4
BLINDER, 18 BADGER, 1 BEAGLE, 1 FIDDLER, 1 FISHBED, 2
FITTER, 1 FISHBED, 5 POSSIBLE FISHBED, 1 FIREBAR, 1
POSSIBLE FIREBAR, 1 FLASHLIGHT, 3 FRESCO, 1 FAGOT, 2
CAMEL, 1 COOKPOT, 1 CAMP, 1 POSSIBLE COOT, 8 CRATE, 1
CAB, 2 COLT, 23 SMALL SWEEP-WING, 3 LIGHT
STRAIGHT-WING, AND 13 HOUND.

AT AIRBORNE WEAPONS COMPLEX -- 2 POSSIBLE FIDDLER, 1
SMALL DELTA-WING, 16 SMALL SWEEP/DELTA-WING, AND 4
SMALL SWEEP-WING.

AT NEW PARKING AREA ADJACENT TO 13,250-FT RUNWAY -- 2
BADGER, 3 POSSIBLE BADGER, 4 BEAGLE, 38 POSSIBLE
MANDRAKE, AND 10 FRESCO.

AT TEST AREA -- 1 BADGER, 2 BULL, 3 BEAGLE, AND 15
SMALL SWEEP-WING.

NO NEW CONSTRUCTION, COMPONENTS, OR PARTIALLY ASSEMBLED
AIRCRAFT/MISSILES OBSERVED.

NOVOSIBIRSK AIRFRAME PLANT CHKALOV 153 UR 5504N 08250E
OB -- 5 DELTA-WING APPROXIMATELY 60 FT LONG AND SIMILAR
TO THE 16 TWIN-ENGINE DELTA-WING AIRCRAFT AT RAMENSKOYE
FLIGHT TEST CENTER IDENTIFIED ON THIS MISSION.

PHOTOGRAPHY OF ONLY FAIR INTERPRETABILITY PRECLUDES
DETERMINING THE NUMBER OF ENGINES. ALSO, 4
FIREBAR-TYPE, 3 FAGOT/FRESCO, 1 CAB, 1 HOUND, AND 1
SMALL STRAIGHT-WING.

A LARGE RECTANGULAR BUILDING IS UNDER CONSTRUCTION IN
THE CENTER PORTION OF THE PLANT. NO MISSILES, MISSILE
COMPONENTS, OR LONG RAIL CARS OBSERVED.

TASHKENT AIRFRAME PLANT B CHKALOV 84 UR 4118N 06918E
OB -- 1 COCK, 2 CAT/CUB, 1 MEDIUM STRAIGHT-WING,
AND 2 HOOP.

-- 1 COCK, 23 CAT/CUB, 4 CRATE, 6 CAB, AND 2 HOOP.
CONSTRUCTION CONTINUES AT THE PLANT. THE EXACT STATUS
OF CONSTRUCTION IS UNDETERMINED.

ARKHANGELSK/TALAGI AIRFIELD UR 6436N 04043E

OB -- 2 FIDDLER B. ONE FIDDLER B IS LOADED WITH
AIR-TO-AIR MISSILES. FOUR OTHER AIR-TO-AIR MISSILES
ARE ON THE PARKING APRON IN FRONT OF THE SECOND FIDDLER
B. ALSO, 15 FIDDLER, 7 FAGOT/FRESCO, 1 COOKPOT, 1
COOT, 3 CAT/CUB, 1 CAMP, 1 COKE, 1 CRATE, 5 CAB, AND 1
HOUND.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

VORONEZH AIRFIELD SOUTHWEST UR 5137N 03908E NO COMOP
OB -- 16 BEAGLE, 9 FIDDLER, 2 FIDDLER B EACH LOADED
WITH 4 PROBABLE ASH AIR-TO-AIR MISSILES, 28 PROBABLE
FIREBAR, 9 FISHBED, 4 FAGOT/FRESCO, 3 CRATE, 5 CAB, 1
CLOD, 1 COLT, AND 3 HOUND @1 WITHOUT ROTORS.

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SECTION # 29

25X1

NAVAL ACTIVITY/PORTS

GORKIY SHIPYARD - HEAVY EQUIP PLT 112 UR 5622N 04352E
 OB -- 1 PREVIOUSLY REPORTED NEW-CLASS SS, 2 J-SSG 01 IN
 LAUNCH BASIN AND 1 AT FITTING-OUT POSITION WITH SAIL
 COMPLETELY SCAFFOLDED, THREE 445-FT STEP-DOWN
 TRANSPORTER DOCKS 02 OF THESE UNITS ARE NOW RIGGED AND
 THE THIRD UNIT IS BEING RIGGED WITH BLOCKS AND PILLOWS
 IDENTICAL TO THAT SEEN IN THE 390-FT TRANSPORTER DOCK
 IN AUG-SEP 66. THE 390-FT TRANSPORTER WAS OBSERVED ON

OCUPIED BY A UNIT OF THE
 NEW-CLASS SUBMARINE AND HAS SINCE DEPARTED. ALSO, 2
 SMALL TRANSPORTERS APPROXIMATELY 200 FT AND 260 FT IN
 LENGTH OVERALL, 1 LARGE PROBABLE BARGE UNDER
 CONSTRUCTION ON THE OPEN BUILDING WAY, 1 ZEYA YRSN, 2
 PROBABLY APL, 7 YR, 1 AIR-CUSHION VEHICLE SIMILAR TO
 SORMOVICH APPROXIMATELY OVERALL ON A
 BARGE, 2 BARGES, 2 A FLOATING CRANE, AND SEVERAL
 SMALL CRAFT. TWO J-CLASS SSG SAILS ARE ON THE QUAY
 BACK OF THE CRANEWAY.

CONSTRUCTION CONTINUES ON THE NEW LARGE BUILDING. WORK
 ON THE QUAY AREA CONSISTS OF 2 SUCTION DREDGES
 DEPOSITING HYDRAULIC FILL AT THE EAST AND WEST
 EXTREMITIES OF THE QUAY.

LENINGRAD SHIPYARD SUDOMEKH 196 UR 5955N 03016E
 OB -- AT SHIPYARD -- 4 PROBABLE F/Z-SS 03 AT QUAY AND 1
 IN FLOATING DOCK, 2 TUGS, 3 PROBABLE YR, 1 PROBABLE
 OLD MERCHANT SHIP NOVOSIBIRSK, AND 1 SMALL CRAFT.
 AT THE SCHMIT EMBANKMENT -- 1 PROBABLE W-SS INBOARD OF
 A POSSIBLE T-301-MSL AND 1 PROBABLE T-43 MSF OUTBOARD
 OF A SAIL TRAINING SHIP.

A BUILDING ADDITION IS UNDER CONSTRUCTION ADJACENT TO
 THE 3-DOOR SHED 02 OLD 2-DOOR SHED. POOR
 INTERPRETABILITY PRECLUDES A DETERMINATION OF
 CONSTRUCTION STATUS.

LENINGRAD SHIPYARD ZHDANOV 190 UR 5052N 02017E

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SECTION # 30

OB -- IN FITTING-OUT BASIN -- 2 KRESTA DLGM @1
 ALONGSIDE QUAY AND 1 MEDITERRANEAN-MOORED TO QUAY. 1
 UNIDENTIFIED LARGE PROBABLE COMBATANT
 MEDITERRANEAN-MOORED TO QUAY @MOSTLY OBSCURED BY
 CLOUDS. 1 PROBABLE KRUPNYY DDGS MEDITERRANEAN-MOORED
 TO NW END OF FITTING-OUT BASIN @NO ARMAMENT IS VISIBLE
 ON THIS VESSEL. 2 PROBABLE VYTEGRALES TIMBER CARRIERS
 ALONGSIDE QUAY, AND 1 OLD MERCHANT HULL @PROBABLY OTTO
 SCHMIDT. ONE POSSIBLE COMBATANT HULL IS ON THE SOUTH
 BUILDING WAY. ONLY THE STERN IS VISIBLE FROM BENEATH
 THE CLOUDS.
 THE ROOF OF THE MAIN FABRICATION BUILDING IS APPARENTLY
 BEING REBUILT. POOR INTERPRETABILITY PRECLUDES
 IDENTIFICATION OF MISSILES, ANTENNAS, OR OTHER
 ELECTRONIC EQUIPMENT.

25X1

ELECTRONICS/COMMUNICATIONS

OLENEGORSK DUAL HEN HOUSE UR 6806N 03355E
 THE ENTIRE FACILITY IS COVERED ON NON-STEREO
 PHOTOGRAPHY OF GOOD INTERPRETABILITY. NO SIGNIFICANT
 CHANGE HAS OCCURRED IN THE OPERATIONS AREA SINCE
 NO CONSTRUCTION MATERIALS OR
 EQUIPMENT ARE OBSERVED IN THE OPERATIONS AREA.
 IN THE SUPPORT AREA, ONE SINGLE-STORY BARRACKS WAS
 RAZED BETWEEN MISSION
 2 SINGLE-STORY BARRACKS HAVE BEEN
 RAZED AND ONE IS IN THE PROCESS OF BEING DISMANTLED.
 CONSTRUCTION HAS BEGUN ON 2 BUILDINGS SINCE MISSION

25X1

25X1

25X1

25X1

25X1

MILITARY ACTIVITY

KALININGRAD AMMO DEPOT LADUSHKIN DA 2 UR 5434N 02012E
 THREE ARCH-ROOFED BUILDINGS, ONE NOT EARTH COVERED,
 HAVE BEEN CONSTRUCTED AND AN ARYS-TYPE BUNKER IS
 IDENTIFIED IN THE EASTERN SECTION. NO OTHER
 CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED. @SEE
 MILITARY BONUS 1 FOR THE TACTICAL SSM SUPPORT
 FACILITY.
 NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1

25X1
25X1

CHOYBALSAN MILITARY COMPLEX MG 4804N 11430E
 A PROBABLE SOVIET TENT CAMP 1.9 NM WEST OF CHOYBALSAN
 CONTAINS 35 USB-41 SOVIET-TYPE TENTS, 1 POSSIBLE
 MESSHALL, 2 SUPPORT BUILDINGS, AND 2 HUTS. A BARRACKS
 FACILITY WITH 9 BUILDINGS UNDER CONSTRUCTION, 7
 BUILDING FOUNDATIONS, A WATER INTAKE, AND 1 TENT IS
 IMMEDIATELY SOUTH OF THE TENT CAMP. THE POWERPLANT
 ADJACENT TO THE BARRACKS AND STORAGE AREA ON THE EAST
 EDGE OF CHOYBALSAN IS APPROXIMATELY 30 PERCENT
 COMPLETE.

OB -- 1 TRUCK-MOUNTED CRANE, 2 PROBABLE POL TRUCKS, 38
 CARGO TRUCKS, 2 VANS, 3 TRAILERS, 4 UNIDENTIFIED
 VEHICLES WITH A RAISED PORTION OVER THE CAB, AND 30
 PIECES OF EQUIPMENT.

25X1
25X1

TINDOUF MILITARY ACTIVITY AG 2742N 00008W
 OB -- 4 PROBABLE 122MM CORPS GUNS, 6 PROBABLE 122MM
 HOWITZERS, 4 PROBABLE ATT TRACKED PRIME MOVERS, 48
 CARGO TRUCKS, AND 5 UNIDENTIFIED VEHICLES IN THE
 GARRISON AREA, 2 POSSIBLE TANKS IN WADI APPROXIMATELY 5
 NM EAST OF TINDOUF, AND 9 PROBABLE TRACKED VEHICLES
 APPROXIMATELY 1 NM SOUTH OF TINDOUF. CONSIDERABLE
 TRACKED VEHICLE ACTIVITY IS SOUTH AND EAST OF TINDOUF.
 A PROBA

SECTION # 31

CONSTRUCTION IS APPROXIMATELY 11 NM NE OF TINDOUF.
CONSIDERABLE ROAD CONSTRUCTION ACTIVITY AND HEAVY
ENGINEERING CONSTRUCTION EQUIPMENT ARE ON THE ROAD FROM
TINDOUF TO THE AIRFIELD AND EAST OF THE AIRFIELD.
PROBABLE MILITARY GUARD CAMPS ARE OBSERVED PARALLEL TO
AND NORTH OF THE ROAD CONSTRUCTION ACTIVITY.
CONSTRUCTION HAS BEEN CONTINUOUS ON THE ARTILLERY GUN
EMPLACEMENTS, DEFENSIVE POSITIONS, AND ENTRENCHMENTS

25X1

KALININGRAD TACTICAL SSM SUPPORT FACILITY UR 5435N 02013E BONUS 1
12.5 NM SW OF KALININGRAD IN THE WESTERN PORTION OF THE
KALININGRAD AMMO DEPOT LADUSHKIN DA-2
NEWLY IDENTIFIED FACILITY CONTAINS AN ARYS-TYPE

25X1

BUNKER, 1 EARTH-COVERED,
ARCH-ROOFED MISSILE STORAGE BUILDING, AND 1 ARCH-ROOFED
MISSILE STORAGE BUILDING UNDER CONSTRUCTION.
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1

COMPLEXES

25X1

ULAAN BAATAR COMPLEX- MG 4755N 10655E
A SIGNIFICANT INCREASE IN THE BUILDUP OF A PROBABLE
SOVIET-TYPE BARRACK AND STORAGE AREA IS OBSERVED ON
THE EAST EDGE OF ULAAN BAATAR AND HAS OCCURRED SINCE

25X1

TWENTY-THREE BARRACKS, 34
PROBABLE SOVIET-TYPE TENTS, 25 PROBABLE SOVIET
PYRAMID-TYPE TENTS, 12 LARGE GENERAL STORAGE BUILDINGS,
10 SMALL STORAGE BUILDINGS, 15 STORAGE/SUPPORT
BUILDINGS, 1 HF HORIZONTAL DIPOLE ANTENNA, AND 3 OPEN
STORAGE AREAS HAVE BEEN ADDED TO THE EXISTING
FACILITIES.

25X1

OB -- 4 PROBABLE SSCM TRANSPORTER/LAUNCHER SEMITRAILERS
WITH TRUCK TRACTORS AND 24 SUPPORT VEHICLES, 11
TANKS/ASSAULT GUNS, 6 SA-2 LAUNCHERS, 12 SA-2 LAUNCHERS
WITH PRIME MOVERS, 6 SA-2 TRANSPORTERS, 14 POSSIBLE
BTR-50P APC, 6 POSSIBLE FA PIECES, 6 POSSIBLE MISSILE
CANISTER TRANSPORTERS 03 CANVAS COVERED, 2
TRUCK-MOUNTED CRANES, 280 CARGO TRUCKS, 25 POSSIBLE
CARGO TRAILERS, 25 POSSIBLE UAZ 69 UTILITY VEHICLES, 30
PROBABLE UAZ 69 UTILITY VEHICLES, 20 POSSIBLE VAN
TRUCKS, 7 LOW BED TRAILERS, 2 SEMITRAILERS WITH TRUCK
TRACTOR, 2 SEMITRAILERS, AND 135 VEHICLES/PIECES OF
EQUIPMENT.

TWO NM ESE OF THIS AREA IS A SECURED MOTOR PARK WITH 46
POSSIBLE BTR-60P APC, 33 CARGO TRUCKS, AND 10 PIECES OF
EQUIPMENT.

25X1
25X1

ULAN-UDE RR STATION CLF YARDS A SHOPS UR 5150N 10734E
THE RAIL YARD IS APPROXIMATELY 40 PERCENT FILLED.
NO SSM, SSM-RELATED EQUIPMENT, OR LARGE CRATES
OBSERVED.

25X1